

### ANDROID TABLET

**User Manual** 

Please read this manual before operating your phone and keep it for future reference.



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# **Section 1: Getting Started**

This section helps you to quickly start using your Samsung Galaxy Tab<sup>™</sup> 10.1.

# **Understanding This User Manual**

The sections of this manual generally follow the features of your Tab.

Also included is important safety information, beginning on page 129, that you should know before using your Tab.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting from a Home screen. To get to a Home screen, you may need to unlock the Tab. For more information, refer to "Securing Your Tab" on page 11.

Note: Instructions in this manual are based on default settings and may vary from your Tab depending on the software version on your Tab and any changes to the Tab's settings.

All screen images in this manual are simulated. Actual displays may vary depending on the software version of your Tab and any changes to the Tab's settings.

### **Special Text**

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- Notes: Presents alternative options for the current feature, menu, or sub-menu.
- **Tips**: Provides guick or innovative methods or useful shortcuts.
- Important: Points out important information about the current feature that could affect performance.
- Warning: Brings important information to your attention that can help to prevent loss of data or functionality or damage to your Tab.

#### **Text Conventions**

This manual provides condensed information about how to use your Tab. To make this possible, the following text conventions are used to represent often-used steps:

Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures. For example:

From a Home screen, touch Applications → Settings → Wireless and networks → Wi-Fi settings.

#### **Battery**

Your Tab is powered by a rechargeable, standard Li-lon battery. The USB Charger that is used to charge the battery, is included with your Tab.

Note: The battery comes partially charged. You must fully charge the battery before using your Tab for the first time.

After the first charge, you can use the Tab while charging.

Warning!: Use only approved charging accessories. Approved accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

### **Battery Indicator**

The Battery icon in the Status Bar shows the battery power level. When battery power is 15% or less, your Tab prompts you to charge the battery. If you continue to operate the Tab without charging, the Tab powers off. For battery use information, see "About Device" on page 128

Tip: Touch the Time field to display battery charge status.

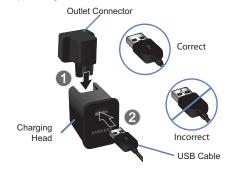
### **Charging the Battery**

Your Tab comes with a Wall/USB Charger (Outlet Connector, Charging Head, and USB cable) to charge your Tab from any standard AC power outlet.

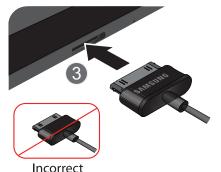
Note: The battery comes partially charged. You must fully charge the battery before using your Tab for the first time.

After the first charge, you can use the Tab while charging.

 Carefully slide the Outlet Connector into the Charging Head (1), making sure the connection is secure.



- 2. Insert the USB cable into the Charging Head (2).
- Insert the USB cable into the Tab's Charger/Accessory Port (3).



Plug the Charging Head into a standard AC power outlet.

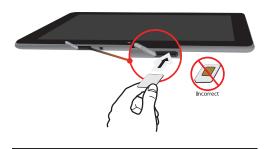
When charging is complete, unplug the Charging Head from the power outlet and remove the USB cable from the Tab.

## **Installing the SIM Card**

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features. This SIM card will only work with this device.

Important!: The plug-in SIM card information and its contacts can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

- Prior to turning on the device, carefully slide the SIM card into the SIM card socket (as shown) until the card locks into place.
- Make sure that the card's gold contacts face downward and that the notched corner of the card goes in first (as shown).



Note: Once the SIM card has been inserted, do not remove it.

If your SIM card is ever separated from the device or damaged, your device will not function. If you experience any issues with your device, contact Customer Service at 888-944-9400 or visit your nearest U.S. Cellular® retail location.

### **SIM Card Limited Warranty**

Subject to the exclusions contained below, United States Cellular Corporation ("U.S. Cellular") warrants to the original purchaser ("You" or "Your") of the handset with which the SIM card was provided that the SIM card will be free from defects in material and workmanship for a period of one (1) year from the date You

purchased the handset (the "Warranty Period"). This warranty is not transferable. Should a defect appear during the Warranty Period, U.S. Cellular will send a replacement SIM card to Your address within the United States without charge provided that you request the replacement SIM card during or within thirty (30) days following the Warranty Period by calling U.S. Cellular Customer Service at 888-944-9400 (or dialing 611 on Your U.S. Cellular handset) or by visiting a U.S. Cellular retail store.

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### **Turning Your Tab On and Off**

### **Turning Your Tab On**

Press and hold the Power/
Lock Key •

For more information, refer to "Unlocking the Tab" on page 11



Note: Your Tab's internal antenna is located along the top back of the Bb. Do not block the antenna; doing so may affect signal quality and may cause the Tab to operate at a higher power level than necessary. For more information, refer to "Information on GPS Applications" on page 106

### **Turning Your Tab Off**

- 1. Press and hold the Power/Lock Key  $\phi$  ....................
- At the prompt, touch Power off. A pop-up prompts you to confirm you want to shut down your Tab.
- 3. To power off your Tab, touch **OK**.

# **Setting Up Your Tab**

When you first turn on your Tab, you are asked to set up a few things.

- A Welcome screen displays. The Tab language is set to English by default. To change the language, touch English and scroll through the list and touch the language you want your Tab to use.
- Touch Start.
- Read the Use Google's location service screen information and enable either or both of the Google location services, then touch Next.

 Your new Tab uses your Google account to fully utilize its Android features, including Gmail, Maps, Navigation, Google Talk, and the Android Market.

The **Sign in with your Google Account** screen allows you to create a new Google account or sign in, if you already have a Google account.

- Touch Next and then touch Create account or enter the email address and password of your existing account.
   For more information, refer to "Setting Up Your Gmail Account" on page 42
- or -
- Touch Skip to perform this task later. For more information, refer to "Setting Up Your Gmail Account" on page 42

The main Home screen displays.

### **Retrieving Your Google Account Password**

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to retrieve it:

- From your computer, use an Internet browser to navigate to http://google.com/accounts.
- Once the URL loads, click on the Can't access your account? link and follow the on-screen instructions.

## **Task Manager**

Your Tab can run applications simultaneously and some applications run in the background.

Use Task Manager to see which applications are running on your Tab and to end running applications to extend battery life. You can also uninstall applications from your Tab and see how much memory is used by applications.

Task Manager provides information about **Active applications** and includes a **RAM manager**.

To access the Task Manager:

- 1. From a Home screen, do one of the following:
  - Touch and hold **Home**.
  - Touch Mini App Tray → Task manager.

Tip: You can add the Program monitor widget to a Home screen and then touch the Program monitor widget. For more information, refer to "Widgets" on page 22.

Task manager displays.

 Touch the Active applications tab to view applications running on your Tab. Touch to end an application or End all to stop all running applications.

- Touch the RAM manager tab to display the amount of Random Access Memory (RAM) currently in use. Touch Clear memory to clear inactive and background processes.
- Touch the X in the top right corner of the Task Manager pop-up to close the application.

### **Tab Accessories**

To find accessories for your Tab:

- Go to <a href="http://www.samsung.com/us/mobile/galaxy-tab-accessories">http://www.samsung.com/us/mobile/galaxy-tab-accessories</a>.
  - Tab accessories display.
- 2. Use your model number to find compatible accessories.

### **Securing Your Tab**

By default, the Tab locks automatically when the screen times out or you can lock it manually. You can unlock the Tab using one of the default Unlock screens or, for increased security, use a personal screen unlock pattern.

For more information about creating and enabling a Screen unlock pattern, see "Configure Lock Screen" on page 116.

For other settings related to securing your Tab, see "Location and Security" on page 116.

**Note:** Unless stated otherwise, instructions in this User Manual start with the Tab unlocked, at the Home screen.

### Locking the Tab manually

### **Unlocking the Tab**

- 1. Press the Power/Lock Key  $\phi$  .............................
- Touch and drag the Unlock (a) icon to any edge of the circle that appears, as shown.



The last screen you accessed displays.

Note: You can choose the type of Screen Unlock to use, Pattern, PIN or Password. For more information, refer to "Location and Security" on page 116.

## **System Reset**

If your Tab screen freezes, you may need to reset the Tab to regain functionality.

▶ Press and hold the Power/Lock Key o for at least 20 seconds.

## **Android System Recovery**

Android System Recovery is used for Google updates. The average user should never need to perform a system recovery.

Note: If you enter this menu by mistake, use the Volume key select reboot system now, then press the Power/Lock key o Your Tab then continues to boot up.

To enter the Android System Recovery mode, follow these steps:

- Turn the Tab off.
- 2. Press the Volume key up and then press the Power/Lock key the at the same time until the Tab switches on.

- Once the SAMSUNG logo appears, release the Power/Lock key while continuing to press the Volume key up.
- Continue to press the Volume key up until the Android System Recovery / Downloading screen displays.
- 5. Release the Volume key.
- To toggle between Downloading mode and System Recovery mode, press the Volume key down. Make sure the System Recovery mode (on the left) is blinking.
- 7. Press the Volume Up key to enter System Recovery mode. The following options are available:
  - reboot system now: Turns on your Tab.
  - apply update from /sdcard: Not applicable for your Tab.
  - wipe data/factory reset: Deletes all data from the Tab except captured pictures and videos. For more information, refer to "Factory Data Reset" on page 122.
  - wipe cache partition: Deletes all cache data, such as log files.
- 8. Press the Volume Up/Down key to scroll up or down, then press the Power/Lock key to make a selection.

# **Section 2: Understanding Your Tab**

This section outlines key features of your Tab and describes the screen and the icons that appear when you use your Tab is in use. This section also shows how to navigate through the menus, screens, and features on your Tab.

#### **Features**

- 10.1-inch diagonal WXGA (1280 x 800 pixels) TFT PLS LCD touch screen
- Android<sup>TM</sup> 3.2, Honeycomb
- LTE Band 4 & 17 HSPA+ 21 Tri-band, EDGE/GPRS Quad-band
- Android Market<sup>TM</sup> for access to over 200,000 Apps
- Full HTML Web Browser with Adobe<sup>®</sup> Flash<sup>®</sup> Technology
- Bluetooth<sup>®</sup> 3.0 Wireless technology
- Built-in Wi-Fi technology (801.11 a/b/g/n)
- 3.2 Megapixel backward-facing Camera-Camcorder with Flash, plus 2 Megapixel forward-facing Camera-Camcorder for Video Chat
- · Messaging Features:
  - Gmail
  - Email (business and personal)
  - Google Talk (Instant Messaging)
- · Social Hub
- Photo Gallery that supports JPEG, PNG, GIF, WBMP, BMP, and AGIF formats

- . HD Video Player (720p)
  - Codec: MPEG4, H.264, H.263, VC-1, XviD, WMV7/8, VP8, MP43
  - Format: 3GP, 3G2, MP4, WMV (ASF), AVI, and DivX® formats
- DivX Certified<sup>®</sup> to play DivX<sup>®</sup> video up to 640x480, including premium content
- Music Player that supports MP3, AAC+, eAAC+, and MID formats
- Ringer that supports WAV, MP3, AAC+, eAAC+, AMR, WMA, MID, FLAC, IMY, RTTTL/RTX, OTA, and Vorbis formats
- 1GB RAM memory and 32GB on-board memory, which is used for data storage and access
- Samsung Media Hub
- Android Movie Studio
- Quickoffice<sup>®</sup> for easy document viewing and editing

Note: This device does not support external memory cards.

**Warning!:** This device does not support some USB storage media devices. For more information, refer to "Tab Accessories" on page 11.

#### Front and Rear Views

The following items can be found on your Tab.



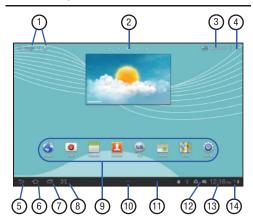
- Speakers: Used in music or video playback, notification tones, and for other sounds.
- Power/Lock Key: Press and hold to turn the Tab on or off. Press to lock the Tab or to wake the screen for unlocking.
- Volume Key: From a Home screen, press to adjust Master Volume. During music playback, press to adjust volume.
- 4. Display Screen: The orientation of the display screen rotates with the tablet as you turn it. You can turn this feature on and off. For more information, refer to "Auto-Rotate Screen" on page 115
- Charger/Accessory Port: Plug in a USB cable for charging or to sync music and files.
- Microphone: Used to pick up your voice or audio during recording and video chat.
- SIM Card Slot: Install the 4G LTE SIM card, for 4G LTE service.
- 8. 3.5mm Headset Jack: Plug in for headphones.
- Camera Lens: Used when taking photos or recording videos.
- 10. Camera Flash: Used when taking photos.
- Front-facing Camera Lens: Used when taking photos of yourself or using video chat.

 Light Sensor: Used to automatically control screen brightness and picture brightness when using the Front-facing Camera.

#### **Home Screen**

The Home screen is the starting point for using your Tab.

**Note:** Unless stated otherwise, instructions in this user manual start with the Tab unlocked, at the Home screen.



- Google and Voice Search: Search your tablet and the web by typing or speaking.
- Home screen panel indicator: shows which Home screen panel is presently displayed.
- Applications: Display the Apps screen.
- 4. Customize or Menu: Display options for the current screen. From a Home screen, you can add Widgets and App shortcuts, and change the Home screen wallpaper by touching Customize. For more information, see "Widgets" on page 22, "App Shortcuts" on page 22, and "Wallpaper" on page 23.
- 5. Back: Return to the previous screen or option.
- Home: Display the central Home screen.
- Recent Apps: Open a list of thumbnail images of apps you have worked with recently. Touch an App to open it.
- Screen Capture: Captures a picture of the current screen and saves it in your /Root/ScreenCapture folder. For more information, refer to "My files" on page 99
- Shortcuts: Shortcuts to applications. These shortcuts are displayed on the Tab by default. You can add your own shortcuts. For more information, refer to "App Shortcuts" on page 22

- 10. Mini App Tray: Shortcuts to apps that you can use anytime. such as your calendar, a memo pad, and a calculator. For more information, refer to "Mini App Tray" on page 24.
- 11. Status Bar: The area along the bottom of the Home screen where you can find navigation buttons and icons that show notifications, battery power, and connection details.
- 12. Notification Icons: Presents icons to show notifications from the system or from an application. Touch a Notification Icon to display more detail. For a list of icons, see "Status Bar" on page 20.
- 13. Time: The current time. For more information, refer to "Date and Time" on page 127.
- 14. Status Icons: Indicate the status of your tablet. Touch the Time / Status Icons area to display the Status Details panel. For more information, refer to "Status Bar" on page 20.

Note: Network status icons turn blue if you have a Google Account added to your tablet and the tablet is connected to Google services for syncing your Gmail, Calendar events, contacts, backing up your settings, and so on. If you do not have a Google Account or if, for example, you are connected to a Wi-Fi network that is not connected to the Internet, the network icons are gray.

#### **Extended Home Screen**

The Home screen consists of the Home panel, plus four panels that extend beyond the display width to provide more space for adding shortcuts and widgets.



Slide your finger horizontally across the screen to scroll to the left or right to display additional panels.

**Note:** The Home panel displays when you touch



#### **Customizing the Home Screens**

To customize the Home screens to suit your preferences just navigate to the desired Home screen, then:

1. Touch - Customize.

- or -

Touch and hold on the screen

The Add to Home screen options screen displays.

- 2. Touch one of the options:
  - Widgets: For more information, refer to "Widgets" on page 22.
  - App shortcuts: For more information, refer to "App Shortcuts" on page 22.
  - Wallpapers: For more information, refer to "Wallpaper" on page 23.
  - More: For more information, refer to "More" on page 24.

### **Screen Settings**

You can customize display screen settings to your preferences. For more information, refer to "Screen Settings" on page 114.

### **Navigating Your Tab**

Use command buttons and the touch screen to navigate.

#### **Command Buttons**

#### Back

Touch **Back** to return to the previous screen, option, or step.

Note: When the on-screen keyboard is active, Close Keyboard displays.

#### **Home**

Touch Home to display the first center Home screen.

### **Recent Apps**

Touch Recent Apps to open a list of thumbnail images of apps you have worked with recently. Touch an App to open it.

### **Screen Capture**

Touch **Screen Capture** to take a snapshot of the screen currently displayed. To view the screen shots:

- From a Home screen, touch Applications → My files.
- Touch Screen Capture.
- 3. Touch a screen capture file to display it.

#### Other Buttons

#### **Google Search**

Touch  $\bigcirc$  Google to search the web or your Tab.

### **Context-Sensitive Menus**

Context-sensitive menus offer options for features or screens. To access context-sensitive menus:

- Touch **Menu** to display a list of options.
- . Touch an option in the list.

### **Screen Navigation**

#### **Touch**

Touch items to select or launch them. For example:

- Touch the on-screen keyboard to enter characters or text.
- . Touch a menu item to select it.
- Touch an application icon to launch the application.

#### **Touch and Hold**

Activate on-screen items. For example:

- Touch and hold a widget on the home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

#### Swipe, Flick, or Slide

Swipe, flick, or slide your finger vertically or horizontally across the screen. For example:

- Unlocking the screen
- . Scrolling the Home screens or a menu

#### Pinch

Use two fingers, such as your index finger and thumb, to make an inward pinch motion on the screen, as if you are picking something up, or an outward motion by sweeping your fingers out. For example:



- · Pinch a photo in Gallery to zoom in.
- Pinch a web page to zoom in or out.

### **Panning**

To pan, touch and hold a selected icon, then move the Tab to the left or right to reposition it to another page. You must first activate Motion on your Tab. Use panning to:

 Move icons on your Home screens or Application Menus to another page.

For more information, refer to "Motion Settings" on page 122

#### **Notifications**

Notification icons appear in the System Bar, to the left of the Time when you receive a notification. Notifications indicate the arrival of Gmail, Email, alarms, calendar events, and so on.

Touch a Notification icon for more detail. For example, touch a Gmail Notification icon to see who sent the message.

Touch the Time field to open the Notifications list to view all of your current notifications. Touch a Notification in the list to display the item. For example, touch a Gmail entry to open the Gmail application and view the message.

Most apps that send notifications, such as Gmail and Google Talk, have their own settings, which you can use to configure whether and how they send notifications, whether they sound a ringtone, and so on. See the documentation for those apps for details.

### **Status Details and Quick Settings**

To view and control the most common settings for your tablet, as well as accessing the complete Settings application, launch the Quick Settings pop-up.

1. In the Status bar, touch the Time. The Status Details and

Quick Settings pop-up displays.



The Status Details (current date and time, Wi-Fi connectivity status, and battery status) appear at the top of the pop-up.

If you have any current or recurring notifications, their summaries are listed below the Status Details and Quick Settings.

- 2. To respond to a notification summary, touch it.
  - To close a current notification summary (such as new message, Gmail, or Email), touch  ${\bf X}$  on the right hand side of the summary.
- To close the Status Details, touch X in the upper right hand corner, or touch any other part of the screen.

The Quick Settings are:

- Wi-Fi: Touch to enable or disable access to Wi-Fi hot spots [Wireless Access Point (WAP)]. (For more information, refer to "Wi-Fi settings" on page 107.)
- Notifications: Touch to enable or disable system and application notifications. For more information, refer to "Notifications" on page 19.
- GPS: Touch to enable or disable Standalone GPS services. (For more information, refer to "Standalone GPS Services" on page 116.)
- Mobile data: Turn access to the Mobile data network On or Off.
   When ON, you can access the internet with your device.
- 4G: Touch to enable or disable the 4G network.
- Brightness: Touch and drag the slider to set the brightness or touch Auto to allow the Tab to set brightness automatically based on available light and battery charge status. (For more information, refer to "Brightness" on page 114.)
- Settings: Touch to open the Settings application. (For more information, refer to "Settings" on page 107.)

#### **Status Bar**

The Status Bar displays icons to show network status, battery power, and other details.



Battery Level: Shown fully charged.



**Charging Indicator**: Battery is charging.



**Device Power Critical**: Battery has only three percent power remaining. At about 15 percent power remaining, a popup is displayed to remind you to charge immediately.



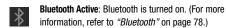
USB Charging Indicator: The device is connected to a computer using a USB cable, but it is not charging. The battery is only charged while connected to a computer, if the device is turned off. When the device is off, press the Power/Lock key to see the battery charging indicator.

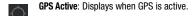


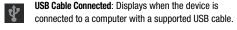
**Signal Strength**: Displays your current signal strength. The greater the number of bars, the stronger the signal.

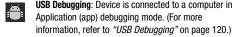


**Wi-Fi Active**: Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).









Updates Available: Updates to the applications you have downloaded are available.

**Download in progress**: An application is being downloaded to the Tab.

**Download Successful:** A recent application download or update completed successfully.

Airplane Mode: Indicates that the Airplane Mode is active, which allows you to use many of your device's features, but it cannot access online information or applications.

**New Email Message**: You have new email. Touch the icon for additional information.



**New Gmail Message**: You have new Gmail. Touch the icon for additional information.



Google Talk Invitation: Someone has invited you to chat using Google Talk.



Configure input methods: When a keyboard or keypad appears in the display, touch this icon to pop-up a menu that lets you quickly select the text input keyboard or keypad and/or access keyboard or keypad settings. (For more information, refer to "Language and Input" on page 123.)



Music Player: A song is playing. Touch the Music icon or touch the Status Details to see the song title and music player controls. For more information, refer to "Music Player Screen" on page 58.



**Navigation Active**: The Navigation App is active. For more information, refer to "*Navigation*" on page 100.



**Alarm Set**: Displays when you set an alarm to ring at a specified time. For more information, refer to "Alarm" on page 83.



Power Saving Mode: Displays when the battery level is below the value defined in the Custom power saving settings. Touch this icon to view the current Power saving mode status, then touch the status message to launch the Power saving mode settings menu. (For more information, refer to "Power Saving Mode" on page 115.)

### Widgets

Widgets are self-contained applications that you can place on the Home screens to access your favorite features.

### Adding Widgets to a Home screen

- Navigate to the Home screen panel on which you want the Widget to be placed.
- 2. Touch and hold on the screen.

- or -

Touch - Customize.

The Add to Home screen options screen displays.

- Touch Widgets, then touch a widget to add it to the Home screen. Sweep the screen to the left to see more widgets.
- 4. Touch Sack to return to the Home screen.

### **Removing Widgets**

Touch and hold the Widget until Remove appears at the top right corner of the screen, then drag the Widget to the Remove icon to remove it.

### **App Shortcuts**

Use App Shortcuts for quick access to applications or features, such as Email or other applications.

### Adding Shortcuts from a Home Screen

- Navigate to the Home screen on which you want the App Shortcut to be placed.
- 2. Touch and hold on the screen.

- or -

Touch - Customize.

The **Add to Home screen** options screen displays.

Touch App Shortcuts, then touch an application to add it to the Home screen. Sweep the screen to the left to see more Apps.

For a list of applications, see "Apps Screen" on page 25

4. Touch **Back** to return to the Home screen.

### Adding App Shortcuts from the Apps Screen

- 1. From a Home screen, touch **Applications**.
- Touch and hold on an application icon until the Home screen selection area is displayed at the bottom of the screen.



- Drag the application icon to the desired Home screen.The Home screen frame is highlighted.
- Drag the application icon approximately where you want it on the Home screen.

#### **Removing App Shortcuts**

Touch and hold the App Shortcut until Remove appears at the top right corner of the screen, then drag the App Shortcut to the Remove icon.

### Wallpaper

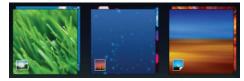
You can choose a picture to display in the background of the Home screen. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

- 1. From a Home screen, touch and hold on the screen.
  - or -

Touch 🕂 Customize.

The Add to Home screen options screen displays.

2. Touch Wallpapers to view the Wallpaper menu.



Choose a source for images:

 Gallery: Touch to display the Set as pop-up and then touch Home screen Wallpaper or Lock screen Wallpaper. Access the Gallery to choose a picture. Touch a picture to select it, then crop and resize the picture, if desired. Touch OK to save the picture as wallpaper. Touch X to cancel.

- Live Wallpapers: Choose from pre-loaded interactive animated wallpapers. Touch a wallpaper to see an example. If available, touch Settings to view options for the selection. Touch Set wallpaper to save your choice. Touch Cancel to return to the Wallpaper menu.
- Wallpapers: Touch to display the Set as pop-up and then touch Home screen Wallpaper or Lock screen Wallpaper. Choose from pre-loaded wallpaper images. Touch an image to save it as wallpaper. Touch Cancel to return to the Wallpaper menu.
- 3. Touch Back to return to the Home screen.

#### More

The final **Add to Home screen** option, **More**, includes shortcuts to Browser bookmarks, to Directions and Navigation, and an assortment of other useful items.

- 1. From a Home screen, touch and hold on the screen.
  - or -
  - Touch La Customize.

The Add to Home screen options screen displays.

Touch More to view additional shortcuts.



- . Bookmark: Launch a bookmarked web page.
- Contact: View or email a contact you specify.
- Directions & Navigation: Get directions and navigation from Google Maps. For more information, refer to "Maps" on page 94
- Music playlist: Launch Music Player to play a selected playlist.
- **Select settings**: Displays a list of Settings shortcuts. Touch an entry in the list. For more information, refer to "Settings" on page 107.

### **Mini App Tray**

There are shortcuts available that link to apps that you might need while working in other apps, such as your calendar, a memo pad, and a calculator. In some cases, these shortcuts are actually links to the part of the app you need most and they contain link to the actual app where you can use other functions.

 From any screen, touch Mini App Tray open at the bottom, center of the screen.

The Mini App Tray icons display.

To close the Mini App Tray, touch Mini App Tray close.

Touch one of the following icone to display the ann

2. Touch one of the following icons to display the app.



Task manager: Displays the Task manager. Touch to close the app. For more information, refer to "Task Manager" on page 10.



Calendar: Displays the calendar with today's date circled. Touch to link to the Calendar app.
Touch to add a new event to your calendar.
Touch to close the app. For more information, refer to "Calendar" on page 87.



World Clock: Displays the time for the locations you have set up. Touch to link to the World Clock app. Touch to close the app. For more information, refer to "World Clock" on page 104.



Pen memo: Displays the Pen memo app, which you can use to create and save a memo. Touch to link to the Pen memo app. Touch Done to save your memo. Touch to close the app. For more information, refer to "Pen Memo" on page 101.



Calculator: Displays a basic calculator. Touch x to close the app. For more information, refer to "Calculator" on page 87.



Music player: Displays the music player. Touch

to link to the Music app. Touch

to display
your songs list. Touch

to close the app.

## **Apps Screen**

The **Apps screen** holds all applications on your wireless device. Applications that you download and install from the Android Market or from the web are also added to the **Downloaded** screen.

The Apps icons are arranged in alphabetic order.

You can place shortcuts to applications on the Home screen for quick access to the application. For more information, refer to "Adding App Shortcuts from the Apps Screen" on page 23.

- 1. From a Home screen, touch **Applications**.
- 2. Touch the My apps tab to view apps you have downloaded.
- Touch an icon on the All or My apps screen to launch the application.
  - or -

Add an App Shortcut to a Home screen by dragging an App icon down to the thumbnails of your Home screen panels that appear when you drag an App. Pause on a Home screen panel thumbnail to place the shortcut. For more information, refer to "Adding App Shortcuts from the Apps Screen" on page 23.

## **Application Information**

To view information about an App, such as the amount of storage it is using, force the App to stop, uninstall updates, and clear data:

- From a Home screen, touch Applications.
- Touch and hold an App icon, then drag it to concluded at the top right corner of the screen to open a screen with details about the App.
- 3. Touch **Back** to return to the **Apps** screen.

# **Section 3: Entering Text**

This section describes how to enter words, letters, punctuation and numbers when you need to enter text.

## **Virtual QWERTY Keyboard**

Your device uses a virtual QWERTY keyboard for text entry. Use the keyboard to enter letters, punctuation, numbers, and other characters into text entry fields or applications. Access the keyboard by touching any text entry field.

The virtual QWERTY keyboard displays at the bottom of the screen. By default, when you rotate the device, the screen orientation updates to display the keyboard at the bottom of the screen.

# **Text Input Methods**

There are four text input methods available:

- English (US) Keyboard (default): Another on-screen QWERTY keypad usable in both portrait and landscape orientation.
   The on-screen QWERTY keypad works the same in both portrait and landscape mode.
- English Voice: A voice-to-text Android keyboard feature.
- Samsung Keypad: An on-screen QWERTY keypad usable in both portrait and landscape orientation.

 Swype: Instead of tapping each key, use your finger to trace over each letter of a word.

## **Using the Samsung Keypad**

The Samsung Keypad is a custom virtual QWERTY keyboard, featuring predictive text. Input characters by touching the on-screen keys with your finger or use speech recognition.

As you enter characters, predictive text matches your key touches to common words and displays them. Select a word from the display to insert it into your text.

Your tablet also provides handwriting recognition to make the task of text entry that much easier.



### **Configuring the Keypad**

To configure the Samsung Keypad to your preferences:

▶ While entering text, touch ❖ Settings.

The Samsung keypad settings screen is displayed. For more information, refer to "Configure Input Methods" on page 124.

## **Entering Upper and Lower Case Letters**

The default case is lower case (abc). Enter upper and lower case alphabet letters by touching the Shift key to toggle the case, before touching the letter key(s).

- Touch once to switch from abc to Abc mode
- . Touch and hold to switch to ABC mode

## **Entering Symbols and Numbers**

To enter a number, touch 123, then touch the corresponding key.

To enter common symbols, touch 123 to switch to Symbols mode, then touch the corresponding key.

There are three pages of symbols. Touch 1/3 to switch to the next page.

Touch and hold a vowel key (A, E, I, O, U, or Y) or the C, N, or S key to open a small window where you can touch an accented vowel or other alternate letter.

Touch and hold the Period key (  $\cdot$  ) to open a small window with a set of common symbols.

Touch and hold the :-) **Emoticons** key to open a small window with a set of Emoticons.

Touch to add an attachment from the Gallery.

### **Using XT9 Predictive Text**

XT9 is a predictive text system that has next-letter prediction and regional error correction, which compensates for users pressing the wrong keys on QWERTY keyboards.

- Touch Settings at the bottom of the keypad.
   The Samsung keypad settings screen displays.
- Touch the XT9 field so a green check mark appears next to the field
- Touch the XT9 advanced settings field to modify XT9 associated settings. For more information, refer to "Configure Input Methods" on page 124.

Note: The XT9 option is available only when Abc mode has been selected.

- Begin typing a word. A list of word options displays. Touch one of the words to replace the word that has already been typed.
  - or -

Touch and then touch **Add word** to register a new word to XT9.



Continue typing your message. XT9 mode can be used in portrait or landscape mode.

### **Editing Text**

You can edit the text you enter in text fields by cutting, copying, or pasting text. These operations can be performed within and across apps. However, some apps do not support editing some or all of the text displayed while others may offer their own way to select text.

### **Editing Existing Text**

To edit text that you have entered:

- 1. Touch the text at the point you want to edit.
  - The figure of the country of the cou
- Touch and drag the Cursor to a better position, if necessary.
- Enter additional text or delete text by repeatedly touching the Delete key.

### Copying, Deleting, or Replacing Text

To select and copy, delete, or replace text:

- Touch hold the text or word you want to select.
   The selected text is highlighted with a tab at each end of the selection.
- Touch and drag either tab to select more or less text.

Tip: Touch Select all in the Application bar to select all text in the field. Touch on another area of the screen or touch X Cancel to deselect the text.

- Depending on the action you want to take for the selected text, in the Application bar touch Cut to remove the selected text, Copy to save the selected text to the clipboard, or Clipboard to replace the selected text with text previously saved to the clipboard.
  - or -

Enter text by typing or speaking to replace the selection with what you type.

- or -

Touch the Delete key to delete the selected text.

#### **Pasting Text**

To paste previously copied text where the **Cursor** is positioned:

- Touch the text at the point you want to paste the copied text.
  - The Cursor displays at the point you touched.
- 2. Touch and hold the Cursor and touch Paste in the pop-up.

## **Closing the Keyboard**

To close the keyboard:

Touch Close Keyboard.

### **Using Speech Recognition**

You can use your voice to enter text using the Voice input feature, which lets you enter text by speaking. Samsung Keypad recognizes your speech and enters text for you.

Note: To enable Voice Input, on the Samsung keypad, touch Older Input. For more information, refer to "Configure Input Methods" on page 124.

- 1. Touch 💂 Speech Recognition on the Samsung Keypad.
- At the Speak now prompt, speak clearly and distinctly into the microphone.
- Working... is displayed while the software is converting your voice to text.
  - The text is displayed in the message.
- Touch Speech Recognition again to speak and add more text.

Note: The feature works best when you break your message down into smaller segments.

### **Entering Text Using Swype**

Swype™ is a text input method that allows you to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words. Swype uses error correcting algorithms and a language model to predict the next word. Swype also includes a tapping predictive text system.



### **Enabling and Configuring Swype**

The Samsung keypad is the default text input method, so to use Swype, you must first change the default keyboard setting.

To enable Swype:

- From the Home screen, tap → Settings → Language and input → Current input method.
- 2. Tap the Swype option.
- 3. Tap 숙 to return to the previous menu.

### **Swype Settings**

For information on the Swype settings, see "Keyboard Settings" on page 124.

### Swype Text Entry Tips

You can access the Swype Tips application and watch a video or tutorial on using Swype. You can also use the following Swype text entry tips.

- Create a "squiggle" (like an S shape) to create a double letter (such as pp in apple).
- Touch and hold a key to view the punctuation menu then make a selection.
- . Move your finger or stylus over the apostrophe to enter contractions.

 Double-tap on the word you want to change to correct a misspelled word, then tap the delete key to erase one character. Touch and hold the delete key to erase an entire word.

## **Entering Text Using the English(US) Keyboard**

The English(US) Keyboard is a custom virtual QWERTY keyboard, featuring predictive text. Input characters by tapping the onscreen keys with your finger, or use speech recognition.

As you enter characters, predictive text matches your key touches to common words and displays them. Select a word from the display to insert it into your text.



### Configuring the English(US) Keyboard

Configure the Android Keyboard to your preferences.

- For more information, refer to "Keyboard Settings" on page 124.
- While entering text, touch and hold keyboard settings.

**Tip:** To customize predictive text, configure the User dictionary settings. (For more information, refer to "Keyboard Settings" on page 124.)

## **Entering Upper and Lower Case Letters**

The default case is lower case (abc). Enter upper and lower case alphabet letters by touching the Shift key to toggle the case, before touching the letter key(s).

- Touch once to switch from abc to Abc mode
- · Touch and hold to switch to ABC mode

## **Entering Symbols and Numbers**

To enter common symbols, touch to symbol mode, then touch the corresponding key.

To enter less-common symbols, touch  $$^{\circ}$123 $\to $ALT$$  , then touch the corresponding key.

Enter numbers by touching 7123, then touching the number keys.

### **Section 4: Contacts and Accounts**

This section explains how to manage contacts and accounts.

#### Accounts

Your device can synchronize with a variety of accounts. With synchronization, information on your device is updated with any information that changes in your accounts.

- . Social Hub accounts:
  - Facebook: Add your Facebook account to sync Contacts.
  - LinkedIn: Add your LinkedIn account to sync data with LinkedIn.
  - Twitter: Add your Twitter SNS Service to sync Contacts.
- . More accounts:
  - Email: Add an Email account to sync Contacts. For more information, refer to "Google Talk" on page 48.
  - Google: Add your Google account to sync your Contacts, Calendar, and Gmail. For more information, refer to "Gmail" on page 42.
  - Microsoft Exchange ActiveSync: Add your Microsoft Exchange account to sync Contacts, Calendar, and Email.
  - Yahoo!: Add your Yahoo! account to sync Contacts, Calendar, and Fmail

## **Setting Up Your Accounts**

Set up and manage your synchronized accounts with the **Accounts and sync** setting.

- From a Home screen, touch Applications →
   Settings → Accounts and sync.
- 2. Touch + Add account, then touch the account type.
- Follow the prompts to enter your account credentials to complete the set-up process.
- The device communicates with account servers to set up your account. When complete, your account appears in the Manage accounts area of the Accounts and sync screen.

### **Contacts**

Store contact information for your friends, family, and colleagues to quickly access information or to send a message.

To access Contacts:

► From a Home screen, touch Applications → Contacts.

#### **Creating Contacts**

- From a Home screen, touch Applications →
   Contacts → New.
- 2. Touch the Photo ID to set up a photo to identify the contact.
  - Album: Choose a photo from the Gallery.
  - Take photo: Display the Camera and take a photo of the contact.
- 3. Touch contact fields to display the keyboard and enter information:

Tip: Touch the screen and swipe up or down to display additional fields or touch Next on the keypad to move to the next field.

- First name: Enter a first name for the contact.
- . Last name: Enter a last name for the contact.
  - Touch 👽 to enter a Name prefix, Middle name, and Name suffix
- Phone number: Enter a telephone number, then touch the drop-down list box to choose a label from Mobile, Home, Work, Main, Work Fax, Home Fax, Pager, Other, Custom to create a custom label. or Callback.
- Internet call: Enter an Internet call number.
- Email: Enter an email address, then touch the \_\_\_\_ drop-down list box to choose a label from Work, Home, Other, or Custom to create a custom label.

- Instant messenger: Enter an IM address, then touch the drop-down list box to choose a label from Google Talk, AIM, Windows Live, and so on.
- Groups: Assign the contact to a group, then touch the dropdown list box to choose a group from Coworkers, Family, Friends, and so on. For more information about Groups, see "Groups" on page 39. print namecard
- Address: Enter an address, then touch the \_\_\_\_ drop-down list box to choose a label from Home, Work, Other, or Custom to create a custom label.
- Organization: Enter a company name and job title.
- Touch to add additional fields. Touch to remove an unused field.
- Touch Add another field to add additional fields.
- Touch Back to remove the keyboard.
- 7. When you finish entering information, touch  $\checkmark$  Done.

Tip: Display a contact's record and touch the **Email** field to send an email, touch the **Phone number** field to send a text message, or touch the **Website** field to link to the website.

## **Updating Contacts**

To make changes to update an existing contact:

- From a Home screen, touch Applications → Contacts.
- 2. Touch a contact in the Contacts list to view its information:
- 3. Touch 🖒 Edit.
- Continue entering contact information. For more information, refer to "Creating Contacts" on page 35.

## **Deleting Contacts**

To delete a contact:

- From a Home screen, touch Applications → Contacts.
- Touch a contact in the Contacts list to view its information, and then touch Delete. At the prompt, touch OK.

## **Managing Photo IDs**

To remove or update a contact's Photo ID:

- From a Home screen, touch Applications → Contacts.
- Touch Edit.
- Touch the Photo ID, then touch Album, Take photo, or Remove.

## **Contacts Display Options**

There are various ways to display your Contacts and general Contacts settings.

- From a Home screen, touch Applications → Contacts.
- 2. Touch Contacts, Favorites, or Groups above the Contacts List, to view contacts various ways:
  - Contacts: Show all your contacts. Touch the Search contacts field and enter a keyword to list contacts that contain that keyword.
  - Favorites: Show only your favorite, or starred, contacts. For more information, refer to "Favorites" on page 41.
  - Groups: Touch the drop-down list box displayed above the Contacts List to display the possible Groups, such as Not assigned, Coworkers, Family, Friends, and so on. Touch a group name to show only contacts in that group. For more information, refer to "Creating a New Group" on page 39.
- 3. From the Contacts, Favorites, or Groups list, touch

  Menu to display all or some of these options:
  - Delete contacts. Touch and check mark the box next to each contact you want to delete. Touch
     Delete and then touch OK.
  - View SNS friends: Touch Add account to add a new account or touch an existing account to get contacts from your friends on Facebook, Twitter, or Linkedln.

- Import/Export: Use the USB cable to import your contacts from, or export your contacts to, a storage device, such as a PC. For more information, refer to "Importing and Exporting Contacts" on page 39.
- Join contact: Join a contact to one or more other contacts. For more information, refer to "Joining Contacts" on page 38.
- My profile: Set up information for yourself similar to the way you add a new contact. For more information, refer to "Creating Contacts" on page 35.
- Set default: If a contact has multiple email addresses, for example, touch the field that should be the default value.
- Send namecard via: To send contact information, touch and check mark the box next to each contact you want to send to, or touch Select all, and touch Select all, and touch Select all, and touch Gmail as the method for sending the information.
- **Settings (Display options)**: Set the following Display options:
  - Only contacts with phones: Touch to check the box to only display contacts that have phone numbers.
  - List by: List contacts by Given name or Family name.
  - Display contacts by: Set whether contact names should appear in the Contacts List as Given name first or Family name first.
  - Select contacts to display: Touch Device and then select the Groups that you want displayed. Touch your account(s) and then select the Groups that you want displayed.
- Settings (General settings): Set the following Display options:

- Save new contact to: Set the default location for new contacts.
   Options are: Always ask, Device, or an account, such as your Gmail account.
- Send contacts: Lets you send a namecard to one or more members of the group.
  - Send all namecards: Reduces transmission time.
  - Send individual namecards: Use to transmit a single namecard or use with devices that do not support Send all namecards.

#### **Linked Contacts**

Your device can synchronize with multiple accounts, including Google, Corporate Exchange, and other email providers. When you synchronize contacts from these accounts with your device, you may have multiple contacts for one person.

Linking, or joining, imported contact records allows you to see all the contact's numbers and addresses together in one contact entry. Linking also helps you keep your contacts updated, because any changes that your contacts make to their information in the respective accounts is automatically updated the next time you synchronize with the account.

### **Joining Contacts**

- From a Home screen, touch Applications → Contacts.
- Touch a contact in the Contacts list to view its information.
- Touch 
   — Menu → Join contact, then touch one or more contacts to link.
- 4. Touch V Join.

The joined contact's information is displayed with the original contact's information.

## **Separating Contacts**

- From a Home screen, touch Applications → Contacts.
- 2. Touch the contact that you want to separate in the **Contacts** list to view its information
- Touch Menu → Join contact, then touch to separate joined contacts.
  - A + is displayed instead.
- Touch Join.

The contact is separated.

### **Sharing Contact Information**

You can send a contact's information by way of Bluetooth to other Bluetooth devices or in an Email or Gmail as an attachment.

Note: Not all Bluetooth devices accept contacts and not all devices support transfers of multiple contacts. Check the target device's documentation

- From a Home screen, touch Applications → Contacts.
- Touch Menu → Send namecard via.

Tip: Set up a contact record for yourself to share your information with others.

- Touch the check box next to each contact you want to choose or touch the Select all check box.
- Touch Send.
- 5. At the prompt, choose a sending method, then follow the prompts to send the contact information:
  - Bluetooth: For more information, refer to "Bluetooth" on page 78.
  - Email: For more information, refer to "Google Talk" on page 48.
  - Gmail: For more information, refer to "Composing and Sending Gmail" on page 43.

## **Importing and Exporting Contacts**

To back up and restore your contacts information, you can export your contacts list to a storage device, such as a PC, or import your contacts list (previously exported) from a storage device.

- Use the USB cable to connect your device to the storage device.
- From a Home screen, touch Applications → Contacts.
- Touch Menu → Import/Export.
- Touch Import from USB storage, Export to USB storage, Import from SIM card, or Export to SIM card then follow the prompts to complete the operation.

## **Groups**

Assign contacts to Groups to make searching for contacts faster or to quickly send messages to group members.

## **Creating a New Group**

Create a new group when you add or edit a contact.

- From a Home screen, touch Applications → Contacts.
- 2. Touch **Groups** above the Contacts List.
- 3. Touch + New.

- Touch the Group name field and use the keyboard to enter a new Group name.
- Touch Done to save the new group name.

Tip: Contacts can belong to more than one group. Just touch the contact's Groups field and touch each group.

Once you create a new group, the Contacts List can be set to display only the contacts in that group. For more information, refer to "Contacts Display Options" on page 36

## Renaming a Group

To rename a group that you created:

- From a Home screen, touch Applications → Contacts.
- Touch Groups above the Contacts List.
- Touch the drop-down list box displayed above the Contacts List to display the possible Groups.
- 4. Touch the Group you want to rename.
- 5. Touch **Menu** → Edit group.
- Use the keyboard to enter a new group name.
- 7. Touch **Done** to save the new group name.

### **Deleting a Group**

To rename a group that you created:

- From a Home screen, touch Applications → Contacts.
- 2. Touch Groups above the Contacts List
- Touch the drop-down list box displayed above the Contacts List to display the possible Groups.
- Touch the Group you want to delete.
- Touch Menu → Delete groups.
   The groups that can be deleted are displayed.
- Touch the check box next to the group you want to delete.
- 7. Touch **OK** to delete the group.
- 8. At the Delete prompt, touch OK.

Note: The group (or groups) is deleted from any contact information in which it appears. The contact's in the group are not deleted. The group name no longer appears as a Contacts List display option.

## **Adding Group Members**

To add a contact to a group, just Edit a contact's Group field. For more information, refer to "Updating Contacts" on page 36

## **Removing Group Members**

To remove contacts from a group:

- From a Home screen, touch Applications → Contacts.
- 2. Touch **Groups** above the Contacts List.
- Touch the drop-down list box displayed above the Contacts List to display the possible Groups.
- 4. Touch the group from which you want to remove members.
- 5. Touch  **Menu** → Edit group members.
- **6.** Touch **Remove** for each contact you want to remove.

The group name is removed from the contact's **Group** field and the contact is removed from the group.

## **Favorites**

Mark contact records with an  $\uparrow$  orange star to identify them as favorites.

You can set your contacts display options to display only your favorites (Starred in Android) for fast viewing or messaging.

## **Adding Favorites**

To add a contact to your Favorites list:

- From a Home screen, touch Applications → Contacts.
- 2. Touch a contact to display it.
- Touch the star next to the contact name so that it turns orange .

The contact is stored in you Favorites list.

Tip: You do not have to edit the contact to change the Starred status.

## **Accessing Favorites**

To view your favorites list:

- From a Home screen, touch Applications → Contacts.
- Touch Favorites above the Contacts List. Only your starred contacts display.

### **Removing Favorites**

To remove a contact from your favorites list:

- From a Home screen, touch Applications → Contacts.
- Touch Favorites above the Contacts List. Only your starred contacts display.
- Touch the star next to the contact's name so that it turns gray to remove it from the Favorites list.

## **Section 5: Messaging**

This section describes how to compose, send, and receive messages and other features associated with messaging.

## **Types of Messages**

Your tablet supports the following message types:



**Gmail**: Send and receive email with Gmail, Google's web-based email.



**Email:** View and manage all your email accounts (including Microsoft Exchange ActiveSync accounts) in one application.



Talk: Chat with other Google Talk users.



**Social Hub**: Access your social networks, like Facebook, Twitter, and LinkedIn, and your email all in one place.

#### **Gmail**

Send and receive email with Gmail, Google's web-based email.

Tip: To manage your Google account on your device, use **Accounts and sync** settings. For more information, refer to "Accounts and Sync" on page 120.

From a Home screen, touch Applications → Gmail.

## **Setting Up Your Gmail Account**

The first time you launch Gmail, your device prompts you to set up your Google account.

Note: You can use more than one Google account on your device. To add another account, use <u>Menu</u> → Settings → Add account option.

- From a Home screen, touch Applications → Gmail.
- 2. At the Sign in with your Google Account screen:
  - If you do not have a Google account, touch Create account and follow the prompts to create a new account.
  - If you do have a Google account, use the on-screen keypad to enter your Google Email name and Password, then touch Sign in.
- 3. At the Backup and restore screen, touch Done.
- The device communicates with the Google server to set up your account and synchronize your email. When complete, your Gmail appears in the Inbox.

## **Refreshing Your Gmail Account**

Refresh your account to update your device from the Gmail servers.

- From a Home screen, touch Applications → Gmail.
- 2. Touch 🥽 Refresh in the Application Bar.

## **Managing Your Gmail Account**

Use menu options to manage your Gmail.

- From a Home screen, touch Applications → Gmail.
- 2. Touch **\_\_\_ Menu** for these options:
  - Settings: Configure settings. For more information, refer to "Gmail Account Settings" on page 44.
  - Help: Learn about using Gmail.
  - · Feedback?: Fill out a Google feedback form.

## **Composing and Sending Gmail**

- Touch \( \bigsim\_\tau \) Compose.
- Touch the To field to enter recipients. As you enter names or email addresses, matching contacts display. Touch a contact to add it to the field.
- Touch the Subject field to enter a subject.
- 5. Touch Compose Mail to enter the text of your email.
- 6. While composing a message, the following options are displayed:
  - **Send**: Send the Gmail.
  - Save Draft: Save the message as a draft for sending later.
  - +Cc/Bcc: Create Cc (copy) and Bcc (blind copy) fields in the message. After creating the fields, touch to enter recipients.
  - Attach: Launch Gallery to select a photo to add to the message.
  - Discard: Close the message without saving.
- 7. Touch **Send** to send the email.

### **Gmail Account Settings**

- 2. Touch  **Menu → Settings** for settings:

### **General preferences:**

- Confirm before deleting: Have your device prompt you to confirm Delete actions.
- Confirm before archiving: Have your device prompt you to confirm archiving actions.
- Confirm before sending: Have your device prompt you to confirm Send actions.
- Auto-advance: Choose a screen to show after you delete or archive a conversation.
- Message text size: Set the size of text in message displays.
- Clear search history: Remove previous searches you performed.
- Restore default for "Show pictures": Restores the default setting (do not show pictures automatically) for all the people who send you email, including those whose Show pictures setting you may have changed when reading messages from them.

### Gmail account settings (displays your Gmail account name):

- · Sync options:
  - Gmail sync for this account is ON/OFF: Indicates whether you have Gmail synchronization turned on for this account in the Account and sync settings. Touch to open those settings.
  - Labels to Sync: Choose which labels are synchronized.
  - Auto-download attachments: Download files attached to recent messages when connected through Wi-Fi.

#### Notifications

- Email notifications: When enabled, notifications for new email appear in the Status Bar.
- Ringtone: Choose a ringtone for new email notifications.
- Vibrate: Choose vibration settings for email notifications.
- Notify once: When enabled, a notification appears in the Status Bar for new email, not for every new message.

#### Signature:

- Signature: Create a text signature to add to outgoing messages.

#### About Gmail:

• Touch Feedback? to send Gmail feedback to Google.

#### **Email**

Use Email to view and manage all your email accounts in one application.

## **Configuring Email Accounts**

Note: If you want to set up a Corporate email account or one that uses a specific exchange server, see "Setting up a Corporate Email Account" on page 45

- From a Home screen, touch Applications →
   Email.
- At the Set up email screen, enter an Email address and Password, then touch Next.

Note: If you are not sure about what value a setting should have, contact your Email Service Provider for more information.

- Review the Account options screen. Available options vary, depending on the provider:
  - Email check frequency: Enter how often you want your device to check for new emails
  - Notify me when email arrives: Touch this option if you want an audio alert when new email arrives. A checkmark will appear.
- Touch Next.

- Enter an account name for the email account just added, which is displayed on the email screen.
- Enter your name as you want it to appear on outgoing messages.
- 7. Touch V Done.

The device communicates with the appropriate server to set up your account and synchronize your email. When complete, your email appears in the Inbox for the account.

Note: To configure email account settings at any time, use — Menu
→ Settings. Touch the account to display Account settings.

## Setting up a Corporate Email Account

Use the following procedure to configure your tablet to synchronize with a corporate email account.

- 1. From a Home screen, touch Applications → Email.
  - Your accounts screen displays with an Email setup screen displayed.
- 2. Enter you email address in the Email address field.
- **3.** Enter your password in the **Password** field.
- If you want to see your password as it is being typed, touch Show password to create a checkmark.
- 5. Touch **Manual setup** at the top right of the screen.

- 6. Touch the Microsoft Exchange ActiveSync field.
- Enter all the Exchange server information, Domain/ Username, Password, and Exchange server, then touch Next.

Note: If you are not sure about what value a setting should have, contact your Exchange administrator for more information.

8. At the prompt touch OK.

The Account options screen is displayed.

- Enter the desired information in the different fields, then touch Next.
- Enter an Account name for this account (Optional).Wait for the Inbox to synchronize before use.
- 11. Touch Done.
- **12.** Touch **— Menu** → **Settings** to change the account settings.

## **Adding Additional Email Accounts**

To add additional email accounts:

- From a Home screen, touch Applications →
   Email.
- Touch Menu → Settings → Add account.
- 3. Enter the Email address, Password, and so on.

## **Composing and Sending Email**

- From a Home screen, touch Applications →

   Email.
- Touch an account, if you have more than one account set up, then touch Compose.
- Touch the To field to enter recipients. As you enter names or email addresses, matching contacts display. Touch a contact to add it to the field.
- 4. Touch the Subject field to enter a subject.
- Touch the body of the email to enter the text of your email.
- Touch Send to send the message.

## **Managing Email**

You can view email you receive to all accounts in the **Combined** view screen or you can view email accounts individually.

- From a Home screen, touch Applications →
   Email.
- Touch the drop-down list box at the top left of the screen to select:
  - Combined view: View all email in a combined inbox.
  - <Account Name>: View email for the specific account only.

#### **Account Settings**

Account settings lets you configure handling of email on your device.

**Note:** Available settings may vary depending on the type of email account. Also, the order that these settings are displayed may vary.

- From a Home screen, touch Applications →
   Email.
- Touch 
   — Menu → Settings, then touch an account for options:4

### **General settings**

- Account name: Enter a name to identify this account.
- Your name: Enter your name as you want it to appear.
- Signature: Enter a signature to add to email from this account.
- Email check frequency: Enter how often you want the device to check for new emails.
- Default account: When enabled, email from your device is automatically sent from this account.
- Always Cc/Bcc myself: Lets you manage whether your email address is included in the Cc or Bcc lines.

### **Notification settings**

 Email notifications: When enabled, the New Email icon appears in the Status Bar when a new email arrives.

- Select ringtone: Choose a ringtone for email notifications for this account.
- Vibrate: When enabled, email notifications for this accounts are accompanied by vibration.

### Server settings

- Incoming settings: Configure incoming server settings.
- Outgoing settings: Configure outgoing server settings.

## Common settings

 Forward with files: Set whether to include file attachments when forwarding an email.

## **Common settings**

 Forward with files: Forwards the file attachments to another email address.

### **Google Talk**

Talk is Google's instant messaging and audio and video chat service. You can use it to communicate, in real time, with other people who also use Google Talk on another Tab or phone or on a computer.

Tip: Talk requires that you have a Google account. To set up your Google account on your device use Accounts and sync settings. For more information, refer to "Accounts and Sync" on page 120

### Open Talk and Sign In

From the Home screen, touch Applications → talk.

If you are not signed in to a Google account, the Sign in with your Google Account screen displays.

- 2. Touch Create account to create a new Google account.
  - or -

Enter your **Email** address and **Password** and touch **Sign in**, if you have an existing Google account.

Note: If you have already set up your Google account, you are automatically logged in. Just touch Sign in.

 After entering your user name and password, touch Sign in.

Once sign in is complete, the Talk main screen displays.

#### Invite a Friend to Chat

You can invite anyone with a Google Account to become your friend in Google Talk, so you can chat with each other and view each other's online status.

- While viewing your Friends list, touch Add friend.
- Enter your friend's address and touch Send invitation.
   Your friend's address in Talk is a Gmail or other email address that is configured to connect to Google Talk.
   If your friend accepts your invitation, they are added to your Friends list in Talk and you can share each others status in Talk and other applications.

## View and Accept an Invitation to Become a Friend

When a contact invites you to become a friend in Google Talk, you receive a notification in the System bar and the invitation appears in your Friends list.

1. Touch the invitation.

Touch Accept, if you want to accept the invitation and chat, Decline, if you do not want to chat with and share your Google Talk status with the sender right now, or Block, if you do not want to receive any more invitations from that person.

If you touch **Accept**, the friend is added to your Friends list in Talk and you can share your status in Talk and other applications.

## **Options While Chatting**

There are several options that are available while you are chatting.

- ► Touch Chat Menu to the right of the chat window. The following options display:
  - Go off the record/Stop chatting off the record: Set whether you
    want to stop saving your chat to the chat history.
  - Friend info: Display information about the friend with which you are chatting.
    - View in Contacts: View the friend's Contact information.
    - Nickname: Create a nickname for the friend.
    - Show in Friends list: Set how to show this friend in you Friends list.
       Options are: Always, Never, or Automatically. Automatically determines whether your friend is popular with you.
  - Block friend: Block a friend from sending you messages and remove the friend from your Friends list.

 Remove friend: Remove the friend as if you never accepted their invitation. However, the friend is not blocked.

Note: If you touch the Remove friend option, touch A. Add friend → Send chat invitation to, to make the Friend visible again.

- Add to chat: Select another friend to join in the current chat.
- Clear chat history: Remove the history of this chat from your device.

## **Additional Talk Options**

- While viewing your Friends list, touch to search your Talk messages. Use the on-screen keypad to enter a search term. Touch on the keypad to search your Talk messages.
- 2. Touch Menu to display the following options:
  - All friends / Most popular: List all friends or the most popular friends.
  - Close all chats: Terminates any chats that you have open.
  - Sign out: Sign out of Google Talk and display the Talk main screen.
  - Settings: Offers various settings for Google talk. For more information, refer to "Google Talk Settings" on page 50.
  - Help: Displays additional help information.
- Touch a Friend's entry to display the Chat entries for that Friend

### Google Talk Settings

Use Google Talk Settings to configure your Talk account. If you have more than one account, each maintains its own Talk settings.

- From the Home screen, touch Applications → talk.
- Touch 
   Menu → Settings, then touch an account for options:

### **General settings**

- Sign in automatically: Enable or disable automatic sign in to Google Talk when you power on your tablet.
- Mobile indicator: Check and your friends see an outline of an android next to your name in their Friends list when you are signed into Google Talk on an Tab or phone.
- Set status to away when the screen is turned off: Check to change your Talk status to Away when your screen turns off. When unchecked, your status is not changed.

#### Chat notifications

- IM notifications: Set whether to open a dialog, display a notification in the System bar, or neither, when you receive a text chat
- Notification ringtone: Set a ringtone to sound, or silent, when you
  receive a text chat.
- Vibrate: Set how vibrate functions. Choices are: Always, Only when silent, or Never.

 Invitation notifications: Enable or disable a notification in the System bar when you receive an invitation to become a friend in Talk.

## Voice & video chat settings

- Video chat notifications: Set whether to open a dialog or display a notification in the System bar when you are invited to a video chat.
- Video chat ringtone: Set a ringtone to sound, or silent, when you
  receive an invitation to a video chat.
- Vibrate: Set how vibrate functions. Choices are: Always, Only when silent, or Never.

#### Account

- Blocked friends: Displays a list of friends you have blocked. Touch a blocked friend and then touch OK to unblock the friend.
- Clear search history: Erases your search history. No previous searches are shown until you search for new words.
- Manage account: Opens the Accounts and sync settings. For more information, refer to "Accounts and Sync" on page 120

#### About

 Terms & privacy: Displays the Google Talk terms of use and privacy policies.

### Social Hub

Access your social networks, such as Facebook, Twitter, and LinkedIn, and your email all in one place.

► From the Home screen, touch Applications → Social Hub.

## **Add an Account**

- In the Social Hub screen, touch Set up now.
   The Add account screen displays.
- Touch the account you want to add and then enter the required information, such as email address and password.
  - The added account now appears on the Social Hub screen with any other accounts.
- 3. Touch an account entry to start the application.

#### Section 6: Web

#### **Browser**

Your device is equipped with a full HTML browser that allows you to access the internet.

► Touch Home → Browser.

The Browser screen appears showing Your Wireless Provider's portal web page (similar to the following sample).



### **Navigating the Web**

The following options are available for web navigation.

### **Command Keys**

- Touch **Back** or to return to the previous page.
- Touch and hold **Back** to display a list of Most visit pages.
- Touch  $\Rightarrow$  to go forward to a recent page.

### **Touching and dragging**

 Touch and drag your finger on the screen to navigate pages and to reposition pages within the screen.

## **Entering text in a field**

 While browsing, touch a text field to display the QWERTY keyboard to enter text.

#### Zoom

- . Tap the screen twice to zoom in or out.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out.



Tip: For convenient browsing, you can rotate the device to landscape mode.

### Selecting items on a page

While browsing, use gestures and menus to navigate:

- . Touch an item to select it.
- . Touch a hyperlink to follow the link.
- Touch and hold on a hyperlink for these options:
  - Open: Open the linked page.
  - Open in new tab: Open a new window to display the linked page.
- Save link: Save the linked page to Download history.
- Copy link URL: Save the link's URL to the clipboard.
- Select text: Copy the link text to the clipboard.

The following additional options can appear with images used as links:

- Save image:
- Copy image:
- View image:
- Set as wallpaper:

## **Using Browser Windows**

You can have multiple windows open at one time and easily switch between windows.

- Touch Home → Browser.
- 2. To open a new window, touch 🔼 at the top of the screen.
- To switch to another open window, touch its tab at the top of the screen.

4. To delete an open window, touch the tab at the top of the screen, and then touch

## **Entering a URL**

Access a website quickly by entering the URL.

- Touch Home → Browser.
- Touch the URL field at the top of the screen, then enter the URL using the QWERTY keyboard.

As you enter characters, potential matches display.

Note: Use the Delete key to clear the URL field, if necessary.

- 3. Touch a match to complete the URL.
  - or -

Continue entering characters and touch  $\Rightarrow$  to load the page.

## **Copying Fields or Text**

Copy information from a web page to the clipboard for pasting, searching, or sharing.

### **Selecting, Copying, and Pasting Text**

- Touch Home → Browser.
- 2. Browse to a web page.
- On the web page, touch and hold on the text until you see the text you want highlighted, then stop touching the screen.

The text is highlighted.

- 4. Touch and drag the tabs to the left or right to select more or less text
- Touch Copy at the top of the screen to copy the selected text or touch Cancel to stop.
- To paste the copied text, navigate to the desired field (or to another application), then touch and hold in a text field and touch Paste in the pop-up.

# Copying and Pasting a Hyperlink or URL

- Touch Home → Browser.
- 2. Browse to a web page.
- Touch and hold on the link or URL, then touch Copy at the top of the screen.
- To paste the copied link or URL, navigate to the desired field (or to another application), then touch and hold in a text field and touch Paste on the pop-up menu.

### **Using Bookmarks**

While browsing, bookmark a site to guickly access it later.

## **Creating a bookmark**

- Touch Home → Browser.
- 2. Browse to a website, then touch 🖈 Add Bookmark.

The **Add bookmark** options list displays. Confirm the **Label** and **Mobile phone number** (URL/address) for the bookmark.

- Touch Add to, touch the drop-down menu, and touch Bookmarks.
- Touch **0K** to save the bookmark.
   A gold star displays on the Bookmarked page.

## **Accessing Bookmarks and History**

Launch a bookmarked page or reload recent pages.

- Touch Home → Browser.
- Touch Sookmarks and History.
- 3. On the Bookmarks tab, use these options:
  - Touch a bookmark to load the page.
  - · Touch and hold on a bookmark for these options:
    - **Open**: Open the bookmarked page.
    - Open in new tab: Open the linked page in a new window.
  - Edit bookmark: Make changes to the bookmark description.
  - Add shortcut to home screen: Create a bookmark on the Home screen.

- Share link: Use Bluetooth, Email, or Gmail to send the link.
- Copy link URL: Save the link's URL to the clipboard.
- Delete bookmark: Remove the bookmark.
- **Set as homepage**: Assign the bookmarked link as the home page.
- 4. On the History tab, touch Most visited, Today, Yesterday, or Last 7 days to use these options:
  - Touch a page to reload it.
  - Touch the \* next to a page to bookmark it.
  - · Touch and hold on a page for these options:
    - Open: Open the web page.
  - Open in new tab: Launch the web page in a new window.
  - Add to bookmarks/Delete bookmark: Bookmark the page or remove the bookmark for this page.
  - Share link: Use Bluetooth, Email, or Gmail to send the link.
  - Copy link URL: Save the link's URL to the clipboard.
  - **Remove from history**: Remove the record of this page.
  - Set as homepage: Assign the bookmarked link as the home page.

#### **Browser Menu**

While viewing a web page, touch **Menu** for options:

- New tab: Open the web page in a new window, under a new tab.
- New incognito tab: Open the web page in a new window, under a new tab, and the pages you view in the new window will not appear in your browser history or search history. See the on-screen explanation of *going incognito*.
- Find on page: Search for content on the current page.

- Share page: Use Bluetooth, Email, or Gmail to send the web page URL.
- Save page: Save this page. For more information, refer to "Downloads" on page 90
- Page info: View information about the current page, including the URL.
- Downloads: View and manage recent downloads.
- . Print: Print the current screen or page to a Samsung printer.
- Settings: Customize the Browser by using the following options:

#### General

- Set homepage: View and set the default first page that displays when you launch the Browser.
- Sync with Google Chrome: Associate or remove Android bookmarks with your Google account.
- Form auto-fill: Enable or disable form auto-fill to complete web forms with a single click.
- Auto-fill data: If Form auto-fill is enabled, set up the following information:
  - Full name: Enter your name.
  - Company name: Enter a company name.
  - Address line 1: Enter your address.
  - Address line 2: Enter any additional address information.
  - City / Town: Enter the name of your city or town.
  - County: Enter the name of your county or parish.
  - **Zip code**: Enter your ZIP or postal code.

- **Country**: Enter the name or abbreviation for your country.
- Phone number: Enter your telephone number.
- Email: Enter a valid email address.

## **Privacy and Security**

- Clear cache: Delete content and databases stored on the device.
- Clear history: Delete the list of previously-visited pages.
- Show security warnings: When enabled, the Browser warns you if there is a problem with a site's security.
- Accept cookies: When enabled, allows Browser to save and read cookie information used by web pages.
- Clear all cookie data: Delete cookie information saved to the device.
- Remember form data: When enabled, stores information you enter into forms to make future forms easier
- Clear form data: Deletes saved form information.
- Enable location: When enabled, sites you visit can request access to your location.
- Clear location access: Clear location access for all websites.
- Remember passwords: When enabled, saves usernames and passwords for sites you visit, to make future visits easier.
- Clear passwords: Clear all saved usernames and passwords.

#### Advanced

 Select search engine: Choose a search engine from Google, Yahoo!, or Bing.

- Open in background: When enabled, new windows open behind the current window
- Enable JavaScript: When enabled, the Browser automatically runs JavaScript scripts on pages you visit.
- Enable plug-ins: When enabled, the Browser automatically loads and runs plug-ins on pages you visit.
- Internet settings: Advanced settings for individual websites.
- Open pages in overview: When enabled, displays an overview of newlyopened pages.
- Auto-fit pages: When enabled, the Browser automatically sizes web pages to fit your device's display.
- Block pop-up tabs: When enabled, blocks pop-up windows.
- Load images: When enabled, images are automatically loaded when you visit a page. When disabled, images are indicated by a link, which you can touch to download the picture.
- **Text encoding**: Choose a default character set for web pages.
- Reset APNs: Clear all browser data and reset all settings to the factory defaults.

#### Labs

- Quick controls: Access quick controls and hide application and URL bars by sweeping your tablet.
- Most visited pages: Sets your homepage to show your most visited pages.
- Google Instant: When using Google Search, Google Instant allows you to have results shown as you type (this can increase data use).

### **Section 7: Multimedia**

## **Music Player**

The Music Player plays music and other audio files that you purchase or copy from your computer.

## **Songs Screen**

From the Home screen, touch Applications → Music player. The Songs screen appears.
 Artist, Album Song Title Mute/Inmute Search Players



Progress Playback Controls Bar

Note: Music Player searches your device's internal storage for music and playlists. This can take from a few seconds to several minutes, depending on the amount of new music added since you last launched Music Player.

- To find a song to play, do one of the following:
  - Browse the menu options on the left of the screen, and the associated song lists or playlists.
  - Search for a song or playlist by name by touching **Q** and entering part of the song title.
- To begin music playback, touch a song or playlist.The Music Player thumbnail appears to the right of the music list.
- 4. During playback, use the sound and playback controls:
  - To adjust the volume, press the Volume key (on the left side of your device) up or down.
  - To pause playback, touch . To resume playback, Touch .
  - To scan forward through the current song, touch and hold >>>,
  - To scan backward through the current song, touch and hold
  - To play the next song in the list, touch ...
  - To play the preceding song in the list, touch

#### Music Player Screen

 In the Songs screen, touch the center of the Music Player thumbnail to enlarge it to fill the display.



During playback, use the sound and playback controls:

Tip: To hide the sound and playback controls, touch the screen.

 Mute / Unmute: Touch to deactivate/activate playback sound and on-screen Volume Slider.

- Volume Slider: Touch and drag on the scale to set volume. You can also adjust playback volume by pressing the Volume Key on the side of the device.
- 5.1 Channel Mode: Touch to enable stereo "surround" sound.
- Progress Bar: Touch and drag the end of the progress bar to scan forward or backward through the current song.
  - Time indicators: The time indicators show, in minutes and seconds, how much of the song has played (left) and the length of the song (right).
- Playback controls: These buttons control the playback of songs:
  - Shuffle: When enabled , songs play in random order. When disabled , songs play in the order they appear in List view.
  - Touch to advance to the next song. Touch and hold to scan forward through the current song.
  - Touch to go back to the previous song. Touch and hold to scan backward through the current song.
- Repeat: Touch to repeat the current song, repeat all songs, or disable repeat mode.
- Songs screen: Touch to switch from the Music Player screen to the Songs screen.
- Favorite: Touch the star to mark the current song as a favorite.
- Info: Touch to view information about the current song.
- Music List: Show other songs in list with current song.

### **Options While Playing a Song**

There are various options and controls available while a song is playing.

#### Songs screen

From the Home screen, touch Applications →
 Music Player. The Songs screen appears in the display.

Note: Music Player searches your device's internal storage for music and playlists. This can take from a few seconds to several minutes, depending on the amount of new music added since you last launched Music Player.

- Touch Songs, Playlists, Albums, Artists, Genres, Folders, Composers, or Years to change the way you view the contents of your music library.
- 3. Touch an album or song.
- Touch Q Search to find a song by title, artist name, or album title.
- Touch Add to playlist to add the selected song to a new or existing playlist. (For more information, refer to "Creating a Playlist" on page 60 or to "Adding Songs to Playlists" on page 60.)

- 6. Touch Menu to display the following options:
  - Delete: Touch the box for any song or album you want to delete or touch the box for Select all to select every song or album. A check mark indicates the song or album is to be deleted. Touch
     Delete to delete the selected items, then touch Done.
  - Share via: Share the current song by using AllShare, Bluetooth, Gmail, or Email.
  - Set as alarm tone: Use the current song and as an alarm tone.
  - . Settings: The following settings display:
    - Sound settings: Choose Equalizer and Sound effects settings, and enable or disable 5.1 Channel Mode for stereo sound.
    - Music menu: Choose which music file options appear in the Music Player screen (Albums, Artists, Genres, Folders, Composers, and/ or Years).

#### **Music Player screen**

- In the Songs screen, touch the center of the Music Player thumbnail to enlarge it to fill the display.
- 2. Touch i Info to list details about the current song.
- Touch Music List to show the current song in a list with other songs.
- **4.** Touch Menu to display the following options:
  - . Add to playlist: Add the current song to an existing or new Playlist.
  - Via Bluetooth: Share the current song over a Bluetooth connection.

- Share via: Share the current song by using AllShare, Bluetooth, Gmail, or Email.
- Set as alarm tone: Use the current song and as an alarm tone.
- Settings: The following settings display:
  - Sound settings: Choose Equalizer and Sound effects settings, and enable or disable 5.1 Channel Mode for stereo sound.
  - Music menu: Choose what music file options appear in the Music Player screen (Albums, Artists, Genres, Folders, Composers, and/ or Years).

## **Managing Your Music**

### **Searching for Music**

To find music in your library:

- From a Home screen, touch Applications
   → Music player.
- 2. Touch Q Search.
- Type the name of an artist, album, song, or playlist. Matching songs are displayed in a list below the search box.
- Touch a matching song to play it. Touch a matching album, artist, or playlist to view a list of its songs.

## **Creating a Playlist**

- From a Home screen, touch Applications →
   Music player → Add to playlist → New playlist.
- 2. Touch the name field to enter a name for the playlist.
- 3. Touch **Done** to save the new playlist.

## **Renaming a Playlist**

- From a Home screen, touch Applications
   → Music player.
- 2. Touch Playlists, touch a playlist, and then touch

   Menu → Rename playlist.
- 3. Touch the name field to enter a new name for the playlist.
- 4. Touch **Done** to save the new playlist.

### **Adding Songs to Playlists**

- From a Home screen, touch Applications → Music player.
- 2. Touch and touch a playlist.
  - or -

Touch **Playlists**, touch a playlist, and then touch **Add music**. All songs are displayed.

3. Touch 
next to each song you want to add to the selected playlist.

- or -

Touch  $\bigoplus$  next to **Add all** to add all songs to the playlist. The song(s) appear under the playlist to the right of the songs list.

Touch Done to save the playlist.

## **Removing Songs from Playlists**

- 2. Touch a playlist.

All songs are displayed to the left and the songs in the playlist are displayed on the right, under the playlist name.

- Touch to remove a song from the playlist.
- Touch Done to save the playlist.

## **Changing the Order of a Playlist**

- From a Home screen, touch Applications →
   Music player.
- 2. Touch Playlists and touch a playlist.
- 3. Touch Reorder to change the order of the songs.
- Touch the grid on an entry and drag the entry to a new position in the list.

**5.** Touch  $\checkmark$  **Done** to change the order and save the playlist.

## **Playing a Playlist**

- From a Home screen, touch Applications →
   Music player.
- Display the Playlists library view.
- Touch Favorites, Most played, or Recently added, or touch a playlist title that you created. and touch Play.

## **Deleting a Playlist**

- From a Home screen, touch Applications →
   Music player.
- 2. Touch Playlists and touch a playlist.
- 3. Touch Till Delete in the Application bar.
  - Touch the box next to a playlist title. A check mark indicates the playlist is to be deleted.
- 5. Touch Remove to delete the selected playlist.

## **Changing Music Settings**

To change settings in the Music application:

From a Home screen, touch Applications →
 Music player.

- 2. Touch Menu to display the following options:
  - Delete: Touch the box for any song or album you want to delete or touch the box for Select all to select every song or album. A check mark indicates the song or album is to be deleted. Touch
     Delete to delete the selected items, then touch Done.
  - Share via: Share your music by using AllShare, Bluetooth, Gmail, or Email. Select the songs you want to share and touch Share.
  - Set as alarm tone: Choose a song and touch Set to use the song as an alarm tone.
  - **Settings**: The following settings display:
    - Sound settings: Choose Equalizer and Sound effects settings, and enable or disable 5.1 Channel Mode for stereo sound.
    - Music menu: Enable or disable the music display options that appear on the main music screen. A check mark next to an option means that it is enabled.

### Music

With the Music application, while online, you can play music that you have added to your music file as well as any music you copied from your PC. While offline, you can listen to music you have copied from your PC.

- From a Home screen, touch Applications → Music.
- Your music is displayed as icons on the screen.

  2. Sweep your screen to the left to see all of your music.

- **3.** Touch an icon to play the song.
- 4. Follow the on-screen instructions.

#### Camera

Use your device's built-in camera and camcorder to take photos and record videos.

► From the Home screen, touch Applications → Camera.

The Camera screen displays.



#### **Taking Photos**

- From the Home screen, touch Applications →
   Camera.
- Using the display as a viewfinder, compose your photo by aiming the lens at the subject. To configure settings, see "Camera Options" on page 63.
- 3. To take the photo, touch the Take button.
- 4. Touch Back to leave the Camera and display the previous screen.

Important!: Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.

### **Camera Options**

Before you start taking photos, use the camera options to configure the camera for best results. Camera options are represented by icons on the left side of the screen. While in Camera mode, touch the following icons to set camera options:



Flash: Choose a flash mode from Auto flash, On, or Off, which is the default.



**Self shot:** Touch to switch to the front-facing camera lens and take a photo of yourself.



**Shooting mode**: Choose an automatic shooting mode:

- Single shot: Take a single photo.
- Smile shot: Touch the Camera button to automatically focus on the subject's face and take the photo.
- Panorama: Touch the Camera button to take a photo, then use the on-screen guideline to move the viewfinder and take the next 7 shots automatically.
- Action shot: Detects action and creates a panorama of the moving object.



**Timer**: Set a timer for how long to wait before taking a photo. Options are: Off, 2 sec, 5 sec, and 10 sec.



**Exposure value**: Set the brightness of the photo by sweeping the bar up or down.



#### Settings:

- Focus mode: Set the focus mode to Auto focus or Macro.
- Scene mode: Choose an automatic scene mode from None, Landscape, Night, Sports, Party/Indoor, Sunset, Dawn, Text, or Candlelight.

- White balance: Set the light source. Options are:
   Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
- Effects: Apply an effect to photos. Options are: None, Grayscale, Sepia, or Negative.
- Resolution: Set a size for the image. Options are: 3.2M (2048x1536) or 0.8M (1024x768).
- Metering: Set how the camera measures or meters the light source: Matrix, Center-weighted, or Spot.
- GPS tag: Enable or disable tagging of photos with your GPS location. displays on the screen when this option is active.

**Caution!:** Be aware that your location may be present on a photo when posting your photos on the internet.

## Viewing Photos with the Image Viewer

After taking a photo, use the Image Viewer to view, share, delete, or edit photos.

- Touch Image Viewer to view the photo.
- 2. Touch the screen to show or hide Image Viewer options.

- Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to "Pinch" on page 18
- 4. Sweep across the screen to display the next or previous photo. The current photo is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the photo it represents.
- Touch Slideshow to show the current photo and your other phones in the Gallery as a slideshow.
- 6. Touch Share via to use AllShare, Bluetooth, Email, Gmail, Picasa, or Social Hub to share the photo.
- Touch Delete to delete the photo being displayed.
   Touch Confirm delete to delete the photo or Cancel to exit.

Note: Photos are stored in the /Root/DCIM/Camera folder as jpg files.

- Touch Menu → Set as to assign the photo as a Contact photo, Lock Screen, or Wallpaper; and to access other options. For more information, refer to "Gallery" on page 68.
- Press Back to return to the Camera to take more photos.

#### Camcorder

Use your device's built-in Camcorder to record high-definition video in 720p resolution.

- . From the Home screen, touch 💿 Camera.
- Slide the Mode button to the Camcorder setting.
   The Camcorder screen displays.

Current or Elapsed Time



**Options** 

## **Recording Videos**

- . From the Home screen, touch o Camera.
- 2. Slide the Mode button to the Camcorder setting.
- Using the display as a viewfinder, compose your shot by aiming the lens at the subject. To configure settings, see "Camcorder Options" on page 66
- To start recording, touch Record. During recording, the Record button flashes.
- Touch Record to stop recording.
- Touch Back to leave the Camcorder and display the previous screen.

Important!: Do not take videos of people without their permission.

Do not take videos in places where cameras are not allowed.

Do not take videos in places where you may interfere with another person's privacy.

#### Camcorder Options

Before you start recording videos, use the camcorder options to configure the camcorder for best results. Camcorder options are represented by icons on the left side of the screen. While in Camcorder mode, touch the following icons to set camcorder options:



Flash: Touch Off or On.



**Self shot**: Touch to switch to the front-facing camera lens and record a video of yourself.



White balance: Set the light source. Options are: Auto, Daylight, Incandescent, Fluorescent, or Cloudy.



**Timer**: Set a timer for how long to wait before recording a video. Options are: Off, 2 sec, 5 sec, and 10 sec.



**Exposure value**: Set the brightness of the video by sweeping the bar up or down.



### Settings → Video:

- Effects: Apply an effect to videos. Options are: None, Grayscale, Sepia, or Negative.
- Resolution: Set a size for the video. Options are: 1280x720 or 640x480.

## Viewing Videos with the Image Viewer

After recording a video, use the Video Viewer to play, share, or delete your video.

- From the Camcorder screen, touch Quick View to display the available videos.
- Touch the thumbnail (at bottom of screen) that represents the video to share.
- Touch Share via to use AllShare, Social Hub, YouTube, Bluetooth, Gmail, or Email to share the video.
- Touch Delete to delete the video being displayed.
   Touch Confirm delete to delete the photo or Cancel to exit.
- Touch Slide show to open the current video in the Gallery, which offers additional video management options. For more information, refer to "Gallery" on page 68.

Note: Videos are stored in the /Root/DCIM/Camera folder as mp4 files.

To play a video, touch Play. Touch Pause to pause the video and touch Resume to resume playing the video.

7. Touch and drag the white dot on the progress bar to fast forward or rewind the video. Touch the left end of the progress bar to restart the video. Touch the right end of the progress bar to end the video playback.

Touch **Rewind** to restart the video or **Fast Forward** to end the video.

8. Press Back to return to the Camcorder.

## Video player

- or -

Your device's 10.1-inch 1280x800 WXGA TFT (PLS) LCD screen provides playback of videos. Use Video player to view and manage videos stored on your tablet.

- From a Home screen, touch Applications → Video player.
- 2. Touch the Thumbnails, List, or Folders tab.
- While viewing the list, touch Menu for options:
  - List by: Display videos by Name (default), Date, Size, or Type.
  - Share via: Share the video with AllShare, Social Hub, YouTube, Bluetooth, Gmail, or Email.
  - Delete: Touch videos to select them for deletion or touch Select all to delete all videos. Touch Delete to deleted the selected videos.
  - Auto play next: Touch to enable or disable automatic playing of videos in the order they appear.

- Touch a video to play it. While playing a video, touch the screen to display or hide on-screen playback controls.
- Touch the icon in the upper left corner of the display screen while the video is playing to change the Display Mode from original size to full screen in ratio or full screen.
  - Original Size ( ): Changes the display mode to the original size.
  - Full-Screen in Ratio View ( ): Changes the display mode to the full-screen in ratio option. The video is enlarged as much as possible without becoming distorted.
  - Full-Screen View ( ): Changes the display mode to full screen.
     That is, the entire screen is used, which may cause some minor distortion.
- While the video is playing, touch Bookmark to mark your favorite areas of the video. A yellow mark appears on the progress bar.
- 7. During playback, press Menu for options:
  - Share via: Send the video by AllShare, Social Hub, YouTube, Bluetooth, Gmail, or Email.
  - Bookmarks: If bookmarks have been set for this video, a thumbnail and time are displayed for each bookmark. Touch to remove a bookmark.
  - Color tone: Set the color tone to Normal, Warm, or Cold.
  - Outdoor visibility: Turn outdoor visibility On or Off.
  - Details: Provides details about the video, such as Name, Size, Resolution, Duration, Format, and Date modified.

For more information, refer to "Playing Videos" on page 71.

#### **Videos**

The Videos application allows you to rent videos to watch on your tablet. You can also watch other videos that you have on your tablet.

From a Home screen, touch Applications → Videos.

The My Rentals screen displays.

- Touch a video to read more information on it.
   The video will display from the Market application where you can read a synopsis, see previews, and read reviews.
- 3. Follow the on-screen instructions to rent the video.
- Touch the Personal Videos heading at the top-left of the screen to view the other videos that you have on your tablet.
- 5. Touch the video to watch it from your video player.

## **Gallery**

Your device's 10.1-inch-inch 1280x800 WXGA PLS TFT LCD screen provides high-resolution display of photos and videos.

Use Gallery to view, capture, and manage photos and videos.

## Selecting Photos and Videos to View

From a Home screen, touch Applications →
 Gallery.

All categories display.

- Touch By album to display other ways to group your photos and videos. Options are:
  - By album: Based on the folder in which they are stored.
  - By time: Based on the time taken.
  - By location: Based on where taken.
  - By tags: Based on tags applied.
  - By size: Based on size.
- 3. Touch Camera to launch the Camera app.
- 4. Touch Information and touch an Album to display information about it.
- 5. Touch Menu to access these additional options:
  - Images and videos: Choose whether to display Images and videos, Images only, or Videos only.
  - Make available offline: Allow offline access to selected images and/or videos.

### **Viewing Categories of Photos and Videos**

- From a Home screen, touch Applications →
   Gallery.
- 2. Touch a category to view it.
- Touch information and touch a photo or video to display information about it. Touch X in the pop-up to close it.
- Depending on the way you chose the category, you can view it By Album, By time, By location, By tags, or By size. You can also change the category to view Images and videos, Images only, or Videos only.
- Touch Slideshow to view a slideshow of the photos and video thumbnails in the category. Touch the screen to stop the slideshow and view the photo or video being displayed.

## **Viewing Photos and Videos**

- From a Home screen, touch Applications → Gallery.
- Touch a category to view it and then touch a photo or video thumbnail.
- 3. Touch the screen to show or hide Gallery options.

- Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to "Pinch" on page 18.
- 5. Touch the thumbnail of the photo or video to view.
- 6. Touch Slideshow to view a slideshow of photos and video thumbnails in the category. Touch the screen to stop the slideshow and view the photo or video being displayed.
- Touch Share to use Allshare, Picasa (photos), YouTube (videos), Bluetooth, Gmail, or Email to share the photo or video.
- Touch Delete to delete the photo or video being displayed. Touch Confirm Delete to delete the photo or video or Cancel to exit.
- 9. Touch Menu to display the following options for photos:
  - Details: Provides details about the photo such as Title, Time, Location, Width, Height, File Size, and so on. Touch the X to close the pop-up.

Note: Photos are stored in the /Root/DCIM/Camera folder as jpg files.

 Details: Provides details about the video such as Title, Time, Duration, File Size, and so on. Touch the X to close the pop-up. For menu options while a video is playing and other video options, see "Videos" on page 68.

Note: Videos are stored in the /Root/DCIM/Camera folder as mp4 files.

 Show on map: This option displays if a Location exists for the photo. A Location is added to the photo if GPS tag is set On in the Camera settings. Touch this option to open the Map app and display the Location where the photo was taken. For more information, refer to "Camera Options" on page 63.

Caution!: Be aware that your location may be present on a photo when posting your photos on the internet.

- Rotate Left: Allows you to rotate the photo counterclockwise 90 degrees.
- Rotate Right: Allows you to rotate the photo clockwise 90 degrees.
- Set picture as: Assign the photo as a Contact photo, Lock Screen, or Wallpaper.
- Crop: Allows you to crop the image. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch Ok. Touch X to stop without cropping the photo.
- **Print**: Print the current photo to a Samsung printer.
- Copy: Copy the current photo to the clipboard.
- Motion: Allows you to access your Motion settings. This will allow you to use the Tilt and Panning features if desired. For more information, refer to "Motion Settings" on page 122.

There is only one option for videos that are not playing:

10. Press **Back** to return to the category screen.

### Setting a Photo as a Contact Icon

- 1. From a Home screen, touch Gallery.
- 2. Touch a category, then touch a photo to select it.
- Touch Menu → Set picture as → Contact photo.
- Touch a contact entry.

The Crop picture screen displays.

5. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch ok to save the cropped photo as the contact's icon. Touch X to stop without cropping the photo.

Tip: To remove the icon, see "Updating Contacts" on page 36.

# Setting a Photo as Wallpaper

- From a Home screen, touch Gallery.
- 2. Touch a category, then touch a photo to select it.
- Touch Menu → Set picture as → Wallpaper.
   The Crop picture screen displays.

4. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch ok to save the cropped photo as wallpaper. Touch X to stop without cropping the photo.

Tip: To change wallpaper, see "Wallpaper" on page 23.

# **Playing Videos**

- From a Home screen, touch Gallery.
- 2. Touch a category to view it and then touch a video thumbnail to play the video.

Note: Videos are marked with a Play button.

 Touch and drag the white dot on the progress bar to fast forward or rewind the video. Touch the left end of the progress bar to restart the video. Touch the right end of the progress bar to end the video playback.

- or -

Touch **Rewind** to restart the video or **Fast Forward** to end the video.

## **Sharing Photos and Videos**

Share photos and videos with your friends.

- . From a Home screen, touch Gallery.
- Touch a category to display thumbnails, then select items for sharing:
  - To select an entire category, touch and hold a photo or video thumbnail, then touch Select all → < Share. Touch Deselect All to un highlight photos and videos.
  - To select multiple photos or videos from a category, touch and hold a photo or video thumbnail, touch thumbnails to highlight them for sharing, then touch
     Share.
- Touch AllShare, Social Hub (photos only), YouTube (videos only), Picasa (photos only), Bluetooth, Gmail, or Email then follow the prompts.

#### **Photo Editor**

The Photo editor application provides basic editing functions for photos that you take on your tablet. Along with basic image tuning like brightness, contrast, and color, it also provides a wide variety of effects used for editing the photo.

- From a Home screen, touch Applications → Photo editor.
- Touch Select picture to edit a photo in your Gallery.
   or –
- Touch **Capture picture** to take a photo with the camera.

  3. Touch the photo to load it into the Photo editor.
- 4. Use the following Photo editor controls to edit your photo:
  - Selection: Touch the selection icon and then touch Rectangle, Ellipse, Lasso, or Grab to set how to mark an area for cropping, rotating, and so on. Touch to select a single area, to add to a selected area, or to remove part of a selected area.
  - Selection Size: Set the size of the Grab selection area. Drag the slider from small to large.
    - Select All: Select the entire photo.



Undo: Remove the last change.



Redo: Restore a removed change.



**Rotate**: Rotate a photo to the left or to the right or create a mirror image of the photo.



**Resize**: Touch and then drag the corners of the photo to resize it.



**Crop**: Touch to crop (cut-out) an area of a photo.



Color: Set the Auto adjustment, Exposure,
Saturation, Contrast, Brightness, and Hue of a
photo. You can also make it Grey-scale or add a
Temperature effect.



Effects: Add various effects to your photo, such as Blur, Motion, Filter, or Frames.



**Tools**: Copy and Paste to another image or to the original image. You can also Fill a selected area.

- When all updates to the photo have been made, touch
   Save. Use the keypad to name the edited photo and touch Yes to save it.
- 6. While editing a photo, touch Menu to display the following options:
  - Select picture: Open a new photo for editing.
  - Capture picture: Open the Camera and take a new photo.
  - Share via: Touch AllShare, Social Hub, Picasa, Bluetooth, Gmail, or Email to send memos to another device or another person.
  - Set as: Use this photo as a Contact photo, a Lock Screen, or Wallpaper image.

## **Media Hub**

Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available at your fingertips, entertaining on the go has never been easier. You can rent or purchase your favorite content and conveniently watch anywhere. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you have never experienced it before.

Note: Media Hub service requires a Media Hub account and depends on service availability.

From a Home screen, touch Applications → Media Hub.

- Read the End-User License Agreement (EULA) and touch Accept to continue or Decline to exit.
  - The Media Hub screen displays.
- To rent or buy media, you must have a Media Hub account. Touch Menu → My Account to log in to your account or to create an account. Follow the prompts to complete log-in.
- 4. Browse content using these options:
  - What's new: Recently-added titles for rent or purchase.
  - Movies: Movies you can rent or purchase.
  - **TV Shows**: TV shows you can rent or purchase.
  - My Media: Content you have previously purchased or rented.
- 5. When you find media you want to view, use these options:
  - Preview: View a short clip from the movie or show.
  - **Own**: Purchase the media for unlimited viewing on your device. Follow the prompts to enter payment details.
  - Rent: Purchase a time-limited download of the media. Follow the prompts to enter payment details.

#### **Movie Studio**

Use Movie Studio to edit the videos you take with the camcorder or copy onto your tablet into movies. You can cut and order scenes, add a sound track, and so on.

From a Home screen, touch Applications → Movie Studio.

# Adding a New Movie Project

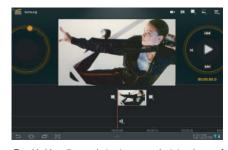
To use Movie Studio to work with videos, add a new project:

- ► From a Home screen, touch Applications → Movie Studio.
- Touch New project.
   The Project name pop-up displays.
- Use the keypad to enter a project name and touch OK.

# **Updating a Movie Project**

There are several ways to add videos, photos, and sound to your movie project.

- ► From a Home screen, touch Applications → Movie Studio.
- Add a new project or touch an existing movie project.
   The Movie Project screen displays.



- 9. To add video clips or photos to your project, touch one of the following:
  - Camcorder to record a new video segment.
  - Camera to take a new photo.
  - Add video to add an existing video.
  - Add photo to add an existing photo.
  - Add music to add music to your project.

- **10.** Touch Menu to display the following options:
  - Import Music: Add music to your project.
  - Change aspect ratio: Choose an aspect ratio. The aspect ratio of each segment in the project is listed.
  - Change project name: Use the keypad to change the name of the current movie project.
  - Export movie: Set the movie size and quality, and save the updated movie.
  - **Delete project**: Delete the current movie project.
- To control playback of your project, touch one of the following
  - Play to play the video.
  - Pause to pause the video.
  - Previous segment to go back one segment.
  - Next segment to go forward one segment.
  - Rewind to back up to the start of the project segments.
- Touch and drag the Workspace control to expand or contract the workspace.
- Touch a segment to add effects, add a title, and select a transition for the beginning or end of the segment.

- 14. Touch a segment and then touch one of the following icons:
  - Effects to apply an effect to the segment such as Gradient effect,
     Sepia effect, Negative effect, or Fifties effect.
  - Title template to apply a template to the Title of the video.
     Selections are: Centered title, Bottom title, or Centered title.
  - Select transition to apply a transition effect into the next segment. Selections are: Contur alpha, Diagonal alpha, Crossfade, Fade to and from black, Silding right out left in, Silding left out right in, Silding top out bottom in, or Silding bottom out top in. Touch to increase or to decrease the amount of time you want to lapse for the transition effect.
  - Select transition to apply a transition effect from this segment to the next. Selections are: Contur alpha, Diagonal alpha, Crossfade, Fade to and from black, Sliding right out left in, Sliding left out right in, Sliding top out bottom in, or Sliding bottom out top in.
    - Touch to increase or to decrease the amount of time you want to lapse for the transition effect.
  - **Delete** to remove the selected video clip.

# **Deleting a Movie Project**

To delete an existing movie project:

- From a Home screen, touch Applications → Movie Studio.
- Sweep across the screen to locate the project you want to delete.
- 16. Touch and hold the project thumbnail.
- 17. Touch Delete project.

# **Section 8: Connections**

Your device includes features to connect to the internet and to other devices by using Wi-Fi, Bluetooth, or a USB cable.

# Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks. Use your device's Wi-Fi feature to:

- Access the internet for browsing or to send and receive email.
- · Access your corporate network.
- Use hotspots provided by hotels or airports while traveling.

Wi-Fi communication requires access to an existing Wireless Access Point (WAP). WAPs can be Open (unsecured, as with most hotspots) or Secured (requiring you to provide login credentials). Your device supports the 802.11 a/b/g/n Wi-Fi protocol.

# **Configuring Wi-Fi Settings**

For more information about configuring your device's Wi-Fi settings, see "Wi-Fi settings" on page 107.

## Finding Wi-Fi Networks

You can have your device automatically notify you of available networks. For more information, refer to "Notify me" on page 108.

## Turning Wi-Fi On or Off

Turn your device's Wi-Fi function on or off. When you turn Wi-Fi function on, your device automatically searches for available, in-range WAPs (Wireless Access Points).

## Turning Wi-Fi On

- From any screen that shows the Status Bar, touch the Time to display the Status Details panel. (For more information, refer to "Home Screen" on page 15.)
- 2. Touch Wi-Fi to turn Wi-Fi On.

## **Turning Wi-Fi Off**

- From any screen that shows Notification icons, the Time, and Status icons on the right hand side of the System Bar, touch the Time / Status Icons area to display the Status Details and Quick Settings pop-up.
- Touch the Wi-Fi notification launch the Wi-Fi settings menu.
- Touch Wi-Fi to turn your device's Wi-Fi function on. (For more information, refer to "Wi-Fi settings" on page 107.)

## Scanning and Connecting to a Wi-Fi Network

When you turn on Wi-Fi, your device searches for available Wi-Fi connections, then displays them on screen.

- 1. From any screen, touch the Time / Status Icons area to display the Status Details panel.
- Touch Wi-Fi to turn Wi-Fi On. Your device automatically scans for available Wireless Access Points
- 3. When the scan is complete, touch a Wi-Fi network to connect. If the Wi-Fi network is open, your device automatically connects. If the Wi-Fi network is secured, enter the password at the prompt to connect.

# Adding a Wi-Fi Network Manually

- From a Home screen, touch Propriet Applications → Settings → Wireless and networks → Wi-Fi settings.
- Touch Wi-Fi to turn Wi-Fi On.
- Touch Add Wi-Fi network, then enter information about the network:
  - Network SSID: Enter the name of the Wi-Fi Wireless Access Point (WAP).
  - Security: Select the type of security used by the WAP.
  - Password: If the WAP is secured, enter the password or hex key.
  - Proxy settings: Select a value.
  - IP settings: Select a value.

Note: Depending on the Security protocol used by the WAP, additional network information may be required.

4. Touch Save to save the settings.

#### **Bluetooth**

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet.

You do not need to line up the devices to send information with Bluetooth. If the devices are in range, you can exchange information between them, even if they are in different rooms.

# **Configuring Bluetooth Settings**

Configure your device's Bluetooth settings. For more information, refer to "Bluetooth Settings" on page 109

## **Turning Bluetooth On or Off**

To turn Bluetooth on or off:

- From a Home screen, touch 
   — Applications → Settings → Wireless and networks.
- Touch **Bluetooth** to turn Bluetooth on or off. When Bluetooth is enabled, a green check mark appears next to the field.

Note: When Bluetooth is on, the Bluetooth icon displays in the Status Bar.



# Pairing with a Bluetooth Device

Search for a Bluetooth device and pair with it, to exchange information between your device and the target device.

Tip: After pairing, your device and the target device recognize each other and exchange information without having to enter a passcode or PIN.

- From a Home screen, touch Applications →
   Settings → Wireless and networks → Bluetooth settings.
- Touch Bluetooth to turn on Bluetooth.
- 3. Enable the target device's discoverable or visible mode.
- 4. Touch Scan for nearby devices.
- 5. From the list of scanned devices, touch the target device, then follow the prompts to complete the pairing:
  - If the target device requires a PIN, enter a PIN for the target device and touch **OK**. When prompted, enter the PIN on the target device.
  - If the device allows automatic or smart pairing, your device attempts to pair with the device automatically. Follow the prompts on your device and the target device to complete the pairing.

## **Tethering**

When activated, Tethering uses your phone to provide a USBconnected device (such as a personal computer) with access to your Wireless Provider's network.

- From the Home screen, touch Applications →
   Settings → Wireless & network → Tethering and portable hotspot → USB Tethering.
- Connect the other device to the phone using the USB Data Cable.
- Touch USB Tethering to turn tethering On or Off. When On, a check appears in the checkbox.

Note: Using your phone as a tethered wireless internet connection consumes battery power and increases your data usage. Roaming while using your phone as a tethered wireless internet connection will incur extra data charges.

## **Portable Wi-Fi Hotspot**

Use Portable Wi-Fi Hotspot to share your phone's network connection with a PC or other device through Wi-Fi, using your phone as the portable hotspot.

Note: Portable Wi-Fi Hotspot consumes battery power and uses data service. There is a monthly charge for the Portable Wi-Fi Hotspot feature, and all data used by connected devices will apply to the customer's data allowance. Contact your service provider for more information.

### **Configuring Portable Wi-Fi Hotspot Settings**

Configure your phone's Portable Wi-Fi Hotspot settings, including your phone's name and password, security, and visibility of your phone's Portable Wi-Fi Hotspot. For more information, refer to "Portable Wi-Fi Hotspot" on page 110.

## **Turning On Portable Wi-Fi Hotspot**

Activate your phone's Portable Wi-Fi Hotspot application to allow other devices to use your phone's internet connection.

- From the Home screen, touch Applications →
   Settings → Tethering and portable hotspot →
   Portable Wi-Fi hotspot.
- Touch Portable Wi-Fi Hotspot to turn the service on. Read the information about Portable Wi-Fi Hotspot, then touch Continue to proceed.
- Portable Wi-Fi Hotspot consumes battery power. Read the information about battery usage, then touch Turn on Portable Wi-Fi Hotspot to proceed.
- Your phone establishes a connection to the network for the Portable Wi-Fi Hotspot service.
- When you are finished using Portable Wi-Fi Hotspot, touch Portable Wi-Fi Hotspot to turn the service off.

### Connecting a Device via Portable Wi-Fi Hotspot

Use the other device's Wi-Fi control to connect to your phone's Portable Wi-Fi Hotspot.

Tip: In order for other devices to connect to your Portable Wi-Fi Hotspot, you can set your device to allow all devices to connect, or add the device.

- Activate Portable Wi-Fi Hotspot on your phone. For more information, refer to "Portable Wi-Fi Hotspot" on page 110.
- Activate Wi-Fi on the device, using the device's Wi-Fi control.
- On the other device, scan for Wi-Fi hotspots, and select your phone from the list.

Tip: Tip: Your phone's default Name (SSID) and Password are displayed on the screen. For more information, For more information, refer to "Portable Wi-Fi Hotspot" on page 110.

 At the prompt on the other device, enter your phone's Portable Wi-Fi Hotspot password.

# **Managing Downloads**

Files, apps, and other items you download in Browser, Gmail, Email, or in other ways, are stored on your tablet's internal storage. You can use the Downloads app to view, reopen, or delete what you have downloaded.

To manage the demands on their networks or to help you avoid unexpected charges, some mobile networks place restrictions on the size of the files you can download. When you are connected to such networks, and you try to download an oversized-file, you are asked or required to delay downloading the file until the next time you are connected to a Wi-Fi network. At that time, the download resumes automatically. The Downloads app can also be used to view and manage these queued files.

Downloaded files are stored in the Download directory in your tablet's internal storage. You can view and copy files from this directory when connected to a computer with a USB cable.

### **Uninstalling an App**

Apps come pre-installed on your device and you can download additional apps from Market. If you decide to, you can uninstall apps you downloaded from Market and other sources.

There are several ways to uninstall an app:

- From a Home screen, touch Applications →
   Settings → Applications → Manage applications.
- Touch the Downloaded tab.
- 3. Touch the app you want to uninstall.
- Touch the Uninstall button.
   The Uninstall application? pop-up displays.
- 5. Touch **OK** to confirm you want to uninstall the app.

You can also use Market to uninstall apps you downloaded from there. For more information, refer to "Market" on page 95

To uninstall an app from the My apps screen:

- 1. From a Home screen, touch **Applications**.
- 2. Touch the My apps tab in the Application Bar.
- Touch and hold an the app's icon and drag it to the Remove icon to uninstall and remove the app from your tablet.

Note: You cannot uninstall the apps that are included with Android. You can only uninstall the apps you have downloaded.

#### **PC Connections**

You can connect your device to a PC using an optional PC data cable using various USB connection modes. When you connect the device to a PC, you can synchronize files with Windows Media Player or transfer data to and from your device directly.

# Connecting as a Removable Disk

You can connect your device to a PC as a removable disk and access the PC file directory.

- Connect the multifunction jack on your device to a PC using the PC data cable that is included with your charger.
- The Portable Device window displays on the PC when connected.
- Highlight Open device to view files using Windows Explorer and click OK

Your device will appear on your PC as a removable disk.

4. Copy files between your PC and your device.

# **Section 9: Applications**

This section contains a description of each application that is available on the Apps screen, its function, and how to navigate through that particular application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided.

# **Accessing Applications**

From a Home screen, touch Applications. The Apps screen appears in the display, showing All apps on your device.

To list only those apps you have installed on your device, touch **My apps**.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens. For details, see "Adding App Shortcuts from the Apps Screen" on page 23.

## **Alarm**

Schedule alarms to remind you of appointments or events, or as a wake-up.

# **Adding and Configuring Alarms**

- From the Apps screen, touch Alarm.
- Touch 
   Add alarm or touch an alarm that is already set.
- 3. Touch fields to configure the alarm:
  - Time: Set a time for the alarm to sound. Touch + or to change the hour and minute, and touch AM or PM.
  - Label: Enter a name for the alarm.
  - Repeat: Choose days for the alarm to repeat. Alarm days are blue.
  - Ringtone: Choose a tone for alarms.
  - Vibrate: Enable or disable vibration for the alarm.
  - **Snooze**: Enable or disable the snooze option for the alarm.
- **4.** Touch **One** to save the alarm.

The main Alarm screen displays showing the new or updated alarm.

#### **Activating Alarms**

- From the Apps screen, touch Alarm.
- Touch to deactivate the alarm. A gray alarm icon means the alarm is deactivated.
- Touch an alarm to change any of its settings and then touch Done to save the updates.

# **Deactivating and Deleting Alarms**

- From the Apps screen, touch Alarm.
- 2. Touch and hold an alarm and then touch one of the following options:
  - Delete alarm: Delete the alarm.
  - Deactivate alarm: Turn off the alarm.
  - or -

Touch an existing alarm and touch in Delete. The Delete alarm pop-up displays. Touch **OK**.

## **Alarm Settings**

To configure general alarm settings:

- From the Apps screen, touch Alarm.
- Touch Settings.

The following options display:

- Alarm in silent mode: Enable alarms to play even if the tablet is in Silent mode.
- Alarm volume: Touch and drag the slider to set Alarm volume.
- Snooze duration: Set the snooze delay time to 3, 5, 10, 15, or 30 minutes.
- **Snooze repeat**: Indicate how many times to repeat the snooze alarm: 1, 2, 3, 5, or 10 times.
- Side button settings: Set what action the side buttons should take during an alarm: None, Snooze, or Dismiss.
- Set default ringtone: Choose a ringtone to play as a default, if the Ringtone is not defined for an alarm. Touch the button next to the ringtone you want to set and touch OK.

#### Alarm Volume

Alarm volume can also be set by using the Settings app.

- From the Apps screen, touch Settings → Sound → Volume.
- Touch and drag the slider to set Alarm volume.

Another method of setting the alarm volume is to:

- 1. Press the Volume key
- 2. Touch on the pop-up.
  - . Touch and drag the slider next to the 🚺 Alarm.

# **AllShare**

AllShare allows your tablet to stream photos, music, and videos from its memory to other Digital Living Network Alliance (DLNA) certified devices. Your tablet can also play digital content streamed from other DLNA certified devices.

Note: To view more information about DLNA certified products visit http://www.dlna.org/home.

## **Configuring AllShare**

Connect to Wi-Fi, configure AllShare settings to identify your device as a server, and set treatment of copied files.

 Connect to a Wi-Fi network. For more information, refer to "Scanning and Connecting to a Wi-Fi Network" on page 78

- From the Apps screen, touch ()) AllShare.
- 3. Touch Settings to configure the following settings:
  - Media server name: Use the keypad to enter a new media server name, if desired (the default is your device's default name), then touch Save.
  - Share media: Allows you to restrict what is shared from your device. Touch the items you want to share and touch OK.
  - Access point network: Turn on your Wi-Fi service and connect to an available Wi-Fi Access Point.
  - Upload from other devices: Set your device's treatment of files copied from other devices. Choose from Always accept, Always ask, or Never allow, then touch OK.
- Touch one of the device entries on the left of the AllShare screen. My device lists the video, audio, and picture files on your device.
- 5. Touch a file to play it.

The Select playback device pop-up displays. Touch the playback device.

- or -

Touch the playback area on your tablet to view the video or photo.

#### Amazon Kindle

Shop for, download, and view e-books from Amazon.com.

From the **Applications** menu, touch Amazon Kindle.



# **Amazon MP3**

Shop for, download, and play MP3 music files from Amazon.com.

From the Applications menu, touch Amazon MP3.

# **Android HD games**

Shop for, download, and play High Definition (HD) games.

From the Applications menu, touch Android HD games.

# **Appstore**

Shop for applications from Amazon.com.

Note: This app requires you to enable Settings → Applications → Unknown sources. (For more information, refer to "Applications" on page 118.)

From the **Applications** menu, touch



## **Asphalt 6**

Asphalt 6 is a car racing game.

From the Applications screen, touch Asphalt 6.



#### **Audible**

Shop for, download, and play audio books from Audible.com.

From the **Applications** menu, touch **Audible**.



#### **Books**

Allows you to purchase and download e-books from the Google e-books Website.

▶ From the Applications menu, touch



#### **Browser**

Your device includes a full HTML Browser, to access the internet. For more information about using Browser, see "Browser" on page 52.

From the Apps screen, touch **Browser**.



#### Calculator

The calculator provides the basic arithmetic functions to solve simple arithmetic problems and advanced operators to solve more complex problems.

- 1. From the Apps screen, touch + Calculator.
- Enter the first number using the numeric keys.
- Enter the operation for your calculation by touching the + (add), - (subtract), x (multiply), or ÷ (divide) key.
- 4. Enter the next number.
- To view the result, touch the = (equals) key.
- 6. Repeat steps 3 through 5 as many times as required.
- 7. Touch CLR to clear the result.
- For more advanced problems, use the operators sin, In, cos, log, tan, and so on, just as you would on a scientific calculator.
- Touch and hold the Calculator's display to copy the contents of the display.

**Text copied** displays. You can then paste the copied value in another app.

#### Calendar

Record events and appointments to manage your schedule.

The first time you open the Calendar application on your tablet, it displays any existing calendar events from your Google Account on the web.

- From the Apps screen, touch Calend
- Touch a tab to choose a calendar view:
  - Day: Display today's schedule and scroll to other days.
  - Week: Display the current week and scroll to other weeks.
  - Month: Display the current month and scroll to other months.
  - List: Display only event names and dates for a selected year.
- Swipe left or right across the screen to view other days or other weeks. Swipe up or down the screen to view other months or events list.
- 4. Touch **Today** to return to the current date.
- Touch Q Search to find an event. Use the on-screen keypad to enter a search term. Touch on the keypad to search your calendar.
- Touch + New event to add a new event to your calendar. For more information, refer to "Creating a Calendar Event" on page 88

- 7. Touch Menu for these options:
  - Go to: Use the Set date pop-up to enter a date and then touch Set to display that date on your calendar.
  - Delete: Delete events for the day, week, month, before today, or all events, depending on the calendar view.
  - Sync Calendar: Synchronize the calendar with the calendar provided by your email account. (For more information, refer to "Accounts" on page 34.)
  - **Settings**: Customize the calendar. (For more information, refer to "Customizing the Calendar" on page 89.)

#### **Creating a Calendar Event**

To create a calendar event:

- 1. From the Apps screen, touch Calendar
- Touch and hold the date for which you want to enter an event.
  - or -

Touch the date for which you want to enter an event, then touch +.

Enter the event information in the Calendar event screen, then touch Done.

## Managing Calendar Events

You can view and add events in Google Calendar on your mobile device, but, to delete existing events, you must access Google Calendar on a computer.

To delete a non-Google event:

- 1. From the Apps screen, touch **Calendar**.
- Touch an event. A pop-up displays event information.
- From the pop-up, touch to display the following options:
  - Touch **Touch OK** to delete the event.
  - Touch Send to send this calendar event to a Bluetooth device.
  - Touch Edit to update the event details.
  - Touch | Hide to hide the options.

## **Customizing the Calendar**

To add additional accounts and set up Calendar preferences:

- 1. From the Apps screen, touch Calendar → Menu → Settings.
- 2. To add an account, touch Synchronize calendars → Add account to display the Add account option. Touch an account type and enter your account information. (For more information, refer to "Setting Up Your Accounts" on page 34.)
- Touch the following for additional settings:
  - Calendar view settings:
    - Calendars: Enable calendars for your various accounts.
    - Synchronize calendars: Displays the General sync settings. (For more information, refer to "General Sync Settings" on page 120.)
    - Week view: Choose Analog (the default view) or Timeline.
    - First day of week: Choose a day to begin each week.
    - Font size: Choose the font size to be used when viewing event details.
    - Hide declined events: Enable or disable display of events.
    - Hide contacts anniversary events: Enable or disable display of contact anniversary events.
    - Show week number: Show the week number to the left of each week in the Month view and the inset calendar in the Day view.
    - Lock time zone: Allows you to lock event times and dates based on your selected time zone, which is defined by the following field.

- Select time zone: If Lock time zone is enabled, used this option to select a time zone to lock event times and dates.
- · Reminder settings:
  - Notifications: Touch to select, which allows you to set the Select ringtone and Pop-up notification options.
  - Select ringtone: Choose a tone for calendar notifications.
  - Pop-up notifications: Set a pop-up notification as a calendar event notification
  - Default reminder time: Set the default time for a notification before an event is to occur.
- Touch **About calendar** for additional Calendar information.

#### Camera

Take photos and record videos with your device's built in Camera-Camcorder, For more information, refer to "Camera" on page 62.

From the Apps screen, touch (a) Camera.



#### **Contacts**

Store contact information for your friends, family and colleagues, to quickly access information or to send a message. For more information, refer to "Contacts" on page 34

From the Apps screen, touch [2] Contacts.



#### **Downloads**

Files, apps, and other items you download in Browser, Gmail. Email, or in other ways, are stored on your tablet's internal storage. Use the Downloads app to view, reopen, or delete what vou have downloaded.

- From the Apps screen, touch Downloads.

- Touch an item to open it.
- Touch headings for earlier downloads to view them.
- Touch items you want to send, to check them, and then touch < Share. Touch an option to share the item. Options are: AllShare, Bluetooth, Email, Gmail, Picasa, YouTube, or Social Hub.
- Touch items you want to delete, to check them, and then touch Til Delete.

The items are deleted from your tablet.

Touch Sort by size or Sort by date, at the bottom of the Downloads pop-up, to switch back and forth.

## **Managing Downloads**

Files, apps, and other items you download in Browser, Gmail, Email, or in other ways, are stored on your tablet's internal storage. You can use the Downloads app to view, reopen, or delete what you have downloaded.

To manage the demands on their networks or to help you avoid unexpected charges, some mobile networks place restrictions on the size of the files you can download. When you are connected to such networks, and you try to download an oversized-file, you are asked or required to delay downloading the file until the next time you are connected to a Wi-Fi network. At that time, the download resumes automatically. The Downloads app can also be used to view and manage these gueued files.

Downloaded files are stored in the Download directory in your tablet's internal storage. You can view and copy files from this directory when connected to a computer with a USB cable.

# **Uninstalling an App**

Apps come pre-installed on your device and you can download additional apps from Market. If you decide to, you can uninstall apps you downloaded from Market and other sources.

There are several ways to uninstall an app:

- From the Apps screen, touch Settings → Applications → Manage applications.
- Touch the **Downloaded** tab.
- Touch the app you want to uninstall.
- Touch the Uninstall button. The Uninstall application? pop-up displays.

5. Touch **OK** to confirm you want to uninstall the app.

You can also use Market to uninstall apps you downloaded from there (see "Market" on page 95).

To uninstall an app from the My apps screen:

- 1. From a Home screen, touch **H** Applications.
- 2. Touch the My apps tab in the Application Bar.
- Touch and hold an the app's icon and drag it to the Remove icon to uninstall and remove the app from your tablet.

Note: You cannot uninstall the apps that are included with Android. You can only uninstall the apps you have downloaded.

## **Email**

Use Email to view and manage all your email accounts in one application. For more information, refer to "Email" on page 45.

From the Apps screen, touch <a> Email</a>.

# **Gallery**

Use Gallery to view, capture, and manage photos and videos. For more information, refer to "Gallery" on page 68.

► From the Apps screen, touch Gallery.



#### **Gmail**

Send and receive email with Gmail, Google's web-based email. For more information, refer to "Gmail" on page 42.

▶ From the Apps screen, touch Gmail.

# **Google Search**

Search the internet, and your device, using the Google search engine.

Tip: The Google Search widget appears on a Home screen by default. For information about displaying widgets on the Home screen, see "Adding Widgets to a Home screen" on page 22

- 1. From any Home screen panel, touch Q Google.
  - or -



From any Home screen panel, touch Applications → Google Search. The default keypad appears at the bottom of the display.

- Use the keypad to enter search criteria to display matching searches.
  - Suggestions display below the text entry area.
- 3. Touch a suggestion to search for that term.
  - or -

Touch Go to start the search.

A browser window displays the search results.

### Google+

Google+TM social service is a social networking platform that makes sharing online more like sharing in real life. Share thoughts, links and photos with the right circles. Video chat with as many as nine people simultaneously. Group chat is also available.

► From the Apps screen, touch 8+ Google-

### **IMDb**

Provides show times, trailers, critic and user reviews, personalized recommendations, photo galleries, entertainment news, quotes, trivia, box-office data, an editorial feature sections and a universal Watchlist to keep you in touch with all the latest entertainment information.

► From the Apps screen, touch IMDb IMDb.

## Latitude

With Google Latitude, you can see the location of all of your friends on a map or on a list. You can also share or hide your location.

You must first set up your tablet to use wireless networks to help pinpoint your location. Also, Latitude works best when Wi-Fi is enabled.

#### To enable Wi-Fi:

- From the Apps screen, touch Settings → Location and security → Use wireless networks.
  - A green check mark 📝 indicates the feature is enabled.
- 2. Touch Wireless and networks → Wi-Fi to turn Wi-Fi on.
- Touch Wireless and networks → Wi-Fi settings, if necessary. For more information, refer to "Wi-Fi" on page 77
- Log on to your Google account.
   To create a Google account or set up your Google account on your device use Accounts and sync settings. For more information, refer to "Accounts and Sync" on page 120

# **Sharing Your Location with Friends**

- Touch Menu → Add friends.
- 3. Touch Select from Contacts or Add via email address.

- 4. Touch a contact.
  - or -

Enter an email address and touch Send.

5. At the Send sharing requests prompt, touch Yes.

Your friend will receive an email or text message with your location marked on a map. They will also receive instructions on how to view your location from the web or use Latitude on their device, if it is available. Once they acknowledge your request, their location will display on your tablet. They can share their location from their computer, phone, or tablet.

For more information, go to <a href="http://www.google.com/latitude">http://www.google.com/latitude</a>.

#### Latitude Menu

- From the Apps screen, touch Latitude.
- Touch to display your Latitude list of friends.
- 3. Touch Amenu for these options:
  - Refresh friends: Update your Latitude list of friends.
  - Check in: Automatically check in at specific places you designate, and you will be checked in when you are there.
  - Add friends: Share your location with friends. For more information, refer to "Sharing Your Location with Friends" on page 92
  - Latitude Settings: Used to set various Latitude options.

- Location reporting: Settings for Detect your location, Set your location, Do not update your location.
- Enable location history: This history is only seen by you.
- Manage your friends:
- Sign out of Latitude: Signs you out of Latitude and launches the Maps application.
- Enable automatic check-ins: Checks you in to places that you have designated.
- Check-in notifications: Enables notifications that suggest places to check in.
- Manage your places: View and modify your automatic check-ins and muted places.
- Clear Map: Remove search results from the map.
- Latitude:
- My Places: Display starred locations.
- Settings:
  - Cache Settings: Enable or disable Prefetch on mobile or Clear map tile cache.
  - Labs: Access experimental features.
  - Terms, Privacy & Notices: View information about Google Maps, including the Terms and Conditions, Privacy Policy, Legal Notices, and Web History.
  - About: View information about Latitude.
- Help: Learn about Latitude.

## **Maps**

Use Google Maps to find your current location, get directions, and other location-based information. The Google Maps shortcut appears by default on the Home screen.

Note: You must enable location services to use Maps. Some features require Standalone or Google location services. For more information, refer to "Location and Security" on page 116

From the Apps screen, touch **Maps**.

# Navigating the Map

### Zooming

- Double-tap on the screen to zoom in.
  - or -
- 1. Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen.



2. To zoom in, make an outward motion by sweeping your fingers out.

Tip: For convenient browsing, you can rotate the device to landscape mode.

#### **Scrolling**

Touch and drag on the screen to reposition the map in the display.

#### Touch

Touch an icon on the map to display information about the location.

For example, your location is indicated by a flashing and a pop-up that says My Location.



# Maps Menu

- From the Apps screen, touch Maps.
- While viewing a map, touch **Menu** for these options:
  - Clear Map: Remove search results from the map.
  - Latitude: Enable Latitude functions. (For more information, refer to "Latitude" on page 92.)
  - Mv Places: Display starred locations.
  - Settings: Used to set various Latitude options.
  - Cache Settings: Enable or disable Prefetch on mobile or Clear map tile cache.
  - Labs: Access experimental features.
  - Terms, Privacy & Notices: View information about Google Maps. including the Terms and Conditions, Privacy Policy, Legal Notices, and Web History.
  - About: View information about Maps.

### Other Map Options

Touch the indicated icon to use these additional Map options:



**Search Maps**: Use the keypad to enter your request to Search the map for a city, location, and so on. Suggestions are displayed as you type.



Speak: Just speak a city, location, and so on, to display.



Compass: Set the map to alwaysdisplay north at the top of the screen or to automatically rotate like a compass, keeping north on the map facing north, and so on. Your device may have to be calibrated the first time you use this feature. Follow the on-screen instructions.



**Places**: Launch the Places app. For more information, refer to "*Places*" on page 102



**Directions:** Displays the Directions pop-up. Enter **Start point** and **End point** or touch the button to the right of the fields to choose your current location, a contact's location, or to touch a point on the map. Touch the automobile, bus, bicycle, or walking icon for the appropriate directions. Then touch **Go** to display a list of directions. Touch the Directions list and scroll up or down. Touch an entry in the Directions list to show the point mentioned on the map.



Layers: Enable or disable a map layer to display. Choose from Traffic, Satellite, Terrain, Transit Lines, Latitude, My Maps, Bicycling, Wikipedia, or Buzz. Touch Clear Map to remove all layers.

#### Market

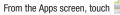
Browse for new Android applications, games, or downloads for your device. You must have a Google account set up on your device to download a new application.

Tip: A shortcut to Market appears on the Home screen by default.

1. From the Home screen, touch

- or -







- The first time you open Market, read the Terms of Service, then touch Accept to continue.
- Browse for items to install:
  - Apps: Displays applications, games, and more, which you can browse by categories, such as games, business, entertainment, education, and so on.
    - My apps: Displays when Apps is active and displays downloads and updates to applications installed on your device. For more information. refer to "My Apps" on page 96
  - Music: Displays categories of free songs from Google music.
  - Books: New arrivals and top selling books, which you can also browse by categories, such as children's books, fantasy, fiction, history, and more.
  - Movies: Displays a wide range of Movies that you can rent.
- **4.** Touch **\equiv Menu** for the following options:
  - Accounts: Touch the account you want to use.
  - Settings:
    - Notifications: Notifies for updates to applications or games that were downloaded to this device
    - Auto-update apps: Automatically updates applications by default.
  - Update over Wi-Fi only: Conserves data usage by updating only when connected through a Wi-Fi connection.
  - Auto-add widgets: Automatically add Home screen widgets fro new applications.
  - Clear search history: Clear the history of previous searches.

- Content filtering: Set which apps are displayed and can be downloaded to this device. The choices are apps rated for: Everyone, Low maturity. Medium maturity. High maturity, and Show all apps. Touch **OK** when you have made your choices.
- Use PIN for purchases: Requires a PIN before purchasing applications or other content.
- Set or change PIN: Create a PIN to prevent changes to user controls. Or change the PIN number.
- Google AdMob Ads: Personalize ads based on your interests.
- Open source licenses: Displays license details for open source software.
- Build version: Displays the build version.
- Help: Get help for using Android Market.

#### My Apps

- 1. Touch My apps tab in the Application Bar to display information about apps you have downloaded on your device.
- 2. Touch a listed application to begin using that application.

## Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. For more information, refer to "Media Hub" on page 73.

From the Apps screen, touch Media Hub.

#### Memo

Create and manage text memos and use Bluetooth to send memos to paired Bluetooth devices.

# Composing a Memo

- 1. From the Apps screen, touch **Memo**.
- Touch + New Memo, compose the memo, then touch Done to save.

For more information, refer to "Entering Text" on page 27.

## **Memo List Options**

While viewing the list of Memos:

- Touch List to view your memos in a list mode. Touch an entry in the list on the left to view the memo on the right of the screen.
- To delete one or more memos, touch Delete, select one or all memos, and touch Done.
- 3. Touch **Menu** for the following options:
  - Sort by: Set whether to sort the memo list by Date, Title, or Color.
  - Send via: Select one or all memos, touch Done, and then touch Bluetooth or Email to send memos to another device or another person.
  - Print: Select one or all memos, touch Done, and send the memos to a Samsung printer.

- Sync memo: Sign in to Google and use Google docs to back up your memos.
- SNS log-in: Log in to your social network sites, Facebook, Twitter, or Linkedln.
- PIN lock: Set a PIN number to use to lock your memos.
- Font size: Set text font size to Tiny, Small, Normal, Large, or Huge.
- 4. Touch and hold a memo thumbnail or list entry to display the following options:
  - **Delete**: Delete the selected memo.
  - Lock/Unlock: Lock the memo or use your PIN number to remove the lock form the memo. Once you lock a memo, you have to use your PIN number to view the memo.
  - Send via: Touch Bluetooth or Email to send the memo by the selected method. For more information, refer to "Bluetooth" on page 78.
  - Update SNS: Lets you post the memo to one or more of your social network sites. Only site you are signed in to are displayed.

## **Memo Options**

While viewing a Memo:

► Touch **Memo options** for the following options:



Delete: Delete this Memo.



Color: Choose a color for this memo.



Lock/Unlock: Lock the memo or use your PIN number to remove the lock form the memo. Once you lock a memo, you have to use your PIN numberto view the memo.



**Print**: Send this memo to a Samsung printer.



Update status: Lets you post the memo to one or more of your social network sites. Only site you are signed in to are displayed.



Send via: Touch Bluetooth or Email to send the memo by the selected method. For more information, refer to "Bluetooth" on page 78.

# Messenger

Google+ Messenger allows you to bring groups of friends into a group conversation and put everyone on the same page. When you receive a new conversation in Messenger, Google+ sends an update to the phone.

From the Apps screen, touch



#### **Movie Studio**

Use Movie Studio to edit the videos you take with the camcorder or copy onto your tablet into movies. You can cut and order scenes, add a sound track, and so on. For more information, refer to "Movie Studio" on page 74.

Music

▶ From the Apps screen, touch Movie Studio.

With the Music application, while online, you can play music that you have added to your music file from the internet as well as any music you copied from your PC. While offline, you can listen to music you have copied from your PC. For more information. refer to "Music" on page 62.

► From the Apps screen, touch Music.



### **Music Player**

Play music and other audio files that you purchase or copy from your computer. For more information, refer to "Music Player" on page 57.

► From the Apps screen, touch Music Player.



# My files

Find, view, and manage folders and files, such as music files, photo files, video files, and so on, stored on your tablet. If the file is associated with an application on your device, you can launch the file in the application.

- From the Apps screen, touch My files.
- 2. Touch a folder and scroll down or up until you locate a file.

Note: You may have to touch one or more subfolders before you encounter files.

- Touch a file to launch it in the associated application, if the file is associated with an application.
- 4. While browsing files, use these controls:



**Up**: Display a higher directory.



Root: Display the root directory.



Add Folder: Add a new folder in the current folder.



**Display mode**: Enable or disable thumbnails for each file.



Mark files: Touch the box to the left of each file or next to the folder to select all files in the folder. Then touch send, copy, cut, or delete in the Application bar.

- 5. While viewing a photo file:
  - Touch Slideshow to view a slideshow of the photos in the folder. Touch the screen to stop the slideshow and view the photo being displayed.
  - Touch Share to share the file using AllShare, Social Hub, Picasa, Bluetooth, Gmail, or Email.
  - Touch Delete to delete the photo.
  - Touch **Menu** to display the following options for photos:
    - Details: Provides details about the photo such as Title, Time, Location, Width, Height, File Size, and so on. Touch the X to close the pop-up.
    - Show on map: This option displays if a Location exists for the photo. A
      Location is added to the photo if GPS tag is set 0n in the Camera
      settings. Touch this option to open the Map app and display the Location
      where the photo was taken. For more information, refer to "Camera
      Options" on page 63

Caution!: Be aware that your location may be present on a photo when posting your photos on the internet.

- Rotate Left: Allows you to rotate the picture counterclockwise 90 degrees.
- Rotate Right: Allows you to rotate the picture clockwise 90 degrees.

- Set picture as: Assign the photo as a Contact photo, Lock Screen, or Wallpaper.
- Crop: Allows you to crop the image. Touch and drag the crop box or the sides or comers of the crop box to create the crop area, then touch Ok.
   Touch X to stop without cropping the picture.
- **Print**: Print the current photo to a Samsung printer.
- Copy: Copy the current photo to the clipboard.
- Motion: Display Motion settings. For more information, refer to "Motion Settings" on page 122
- 6. While viewing a video file:
  - Touch Bookmark to mark your favorite areas of the video. A
    yellow mark appears on the progress bar.
  - Touch **Menu** for the following options:
    - Share via: Share this video by using YouTube, Bluetooth, Gmail, or Email
    - Bookmarks: If bookmarks have been set for this video, a thumbnail
      and time are displayed for each bookmark. Touch to remove a
      bookmark.
    - Color tone: Set the color tone to Normal, Warm, or Cold.
    - Outdoor visibility: Turn outdoor visibility On or Off.
    - Details: Provides details about the video, such as Name, Size, Resolution. Duration. Format. and Date modified.

# **Navigation**

Use Google Navigation to find a destination and to get walking or driving directions.

Note: You must first establish a Network connection to use Navigation.

- 1. From the Apps list, touch A Navigation.
  - The **Set Destination** screen displays.
- 2. Read the warning and touch Accept to continue.
- 3. To find a destination, touch an option:
  - Speak Destination: Say the name or address of your destination.
  - Type Destination: Enter the destination.
  - Contacts: Choose a destination from a contact record.
  - Starred Places: Choose destinations you have marked as favorites.
  - Recent Destinations: Choose from recent destinations. This option is not available until a destination has been requested.
- 4. While navigating, touch Menu for options:
  - Search: Find a location.
  - Mute/Unmute: Mute to silence voice-quided prompts.
  - Exit Navigation: Close Navigation and discard route information.
  - Late Havigation. Glose Navigation and diseard route inform
  - Set Destination: Choose or enter a destination.

- Settings: Dim the screen or view information about Terms, Privacy & Notices.
- Help: Learn about Google maps.

#### **Pen Memo**

Create and manage memos that you create by typing text or writing with your finger or a stylus. You can even draw and save pictures as a memo. You can also share your memos.

# Composing a Pen Memo

- 1. From the Apps screen, touch Pen memo.
- 2. Touch New Memo.
- Touch the Enter title field and use the keypad to enter a title for the memo.
- 4. Touch the body of the memo and then touch T to type the memo or touch to write or draw with your finger or a stylus. Touch to erase writing or drawing. Touch to set Brush, Color, Pen size, Eraser size, and Theme. Touch to undo and to redo writing or drawing.
- 5. Touch **Done** to save.

For more information, refer to "Entering Text" on page 27.

## **Pen Memo List Options**

While viewing the list of Memos:

- To find a memo, touch Search, use the keypad to enter a key word or phrase to search for, and touch on the keypad to search.
- Touch List to view your memos in a list mode. Touch an entry in the list on the left to view the memo on the right of the screen.
- 3. To delete one or more memos, touch **Delete**, select one or all memos, and touch **Delete**.
- 4. Touch Menu for the following options:
  - Sort by: Set whether to sort the memo list by Date, Title, Text first, Drawing first, or Auto tag first.
  - Share via: Select one or all memos, touch Share, and then touch AllShare, Bluetooth, Email, Gmail, Picasa, or Social Hub to send memos to another device or another person.
  - Export: Touch To Gallery (drawings) or To Memo (text), select one or all memos, and touch Export.
  - Print: Select one or all memos, touch Print, and send the memos to a Samsung printer.
  - Memo sync: Sign in to Google and use Google docs to back up your memos.
  - Auto tag settings: Touch Enable auto tag to enable auto tagging of your memos.

- 5. Touch and hold a memo thumbnail or list entry to display the following options:
  - Delete: Delete the selected memo.
  - Export: Touch To Gallery (drawings) or To Memo (text), select one or all memos, and touch Export.
  - Share via: Touch AllShare, Bluetooth, Email, Gmail, Picasa, or Social Hub to send memos to another device or another person.
     For more information, refer to "Bluetooth" on page 78.

# **Memo Options**

While viewing a Memo:

- Touch Delete to delete this memo.
- 2. Touch Menu for the following options:
  - Share via: Touch AllShare, Bluetooth, Email, Gmail, Picasa, or Social Hub to send memos to another device or another person.
  - Export: Touch To Gallery (drawings) or To Memo (text) to export the memo to the selected app.
  - **Print**: Send the memo to a Samsung printer.
  - Set as: Use this memo as a Contact photo, a Lock Screen, or Wallpaper image.
- Touch the body of the memo to edit the memo.
   Options display for editing. For more information, refer to "Composing a Pen Memo" on page 101

#### **Photo Editor**

The Photo editor application provides basic editing functions for pictures that you take on your tablet. Along with basic image tuning like brightness, contrast, and color it also provides a wide variety of effects used for editing the picture.

From the Apps screen, touch Photo Editor.
 For more information, refer to "Photo Editor" on page 72.

#### **Places**

Places is an application that uses Google Maps and your location to help you find Restaurants, Coffee, Bars, Attractions, ATMs, Gas Stations, or Explore Nearby. You can also add your own locations.

- 1. From the Apps screen, touch Places.
- 2. Touch a category or touch Add to enter criteria.
- Touch a destination to view details and for map and navigation options.

#### Quickoffice

Quickoffice  $^{\otimes}$  is a Microsoft Office  $^{\otimes}$  compatible office suite. This application provides a central place for managing your documents online or offline.

The application can also open Adobe PDF (Portable Document Format) files.

1. From the Apps screen, touch Quickoffice

- Enter your Email information (if desired) and touch Register Now to complete the process.
  - or -

Touch Register Later to ignore this registration.

The main Quickoffice screen displays. **Recent Documents** displays a list of recently opened documents.

- Touch Search to search for document files by using a text string.
- 4. Touch one of the following options:
  - Internal Storage: Where you keep documents on this device. You
    can manage documents or send them to others, and upload the
    documents. For more information, refer to "My files" on page 99.
  - Recent Documents: Contains recently viewed documents.

## Other options include:

- Search: Enter file information in which to search.
- View Document Type: Displays a list of document types from which to select
- Add remote account: Displays a list of selectable remote accounts
- Options:
  - Create folder: Creates a new folder. Name the folder when the Create folder screen displays.
- **Sort**: Sorts displayed documents by Name, Type, Size, or Date.
- **Updates**: Updates Quickoffice if updates are available.

- Registration: Register your software from this screen.
- About: Displays information about this version of Quickoffice.
- Help: Displays help information for Quickoffice. Selections are Help Guide, Frequently Asked Questions, or Open a support ticket.

# **Settings**

Configure your device to your preferences.

From the Apps screen, touch **Settings**. For more information, refer to "Settings" on page 107.

#### **Social Hub**

Access your social networks, like Facebook, Twitter, and LinkedIn, and your email all in one place.

From the Apps screen, touch Social Hub.

For more information, refer to "Social Hub" on page 51.

#### **Talk**

Use Google Talk to chat with other Google Talk users.

Tip: A shortcut to Google Talk appears on the Home screen by default.

From the Apps screen, touch talk.

For more information, refer to "Google Talk" on page 48.

# Video player

View and manage videos stored on your tablet.

From the Apps screen, touch Video player.

For more information, refer to "Video player" on page 67.

#### **Videos**

The Videos application allows you to rent videos to watch on your tablet. You can also watch other videos that you have on your tablet.

From the Apps screen, touch Videos.
For more information, refer to "Videos" on page 68.

#### **Voice Search**

Voice Search offers voice-activated Google searches.

Tip: Voice Search is also available on the Google Search widget, which appears on a Home screen by default.

- 1. From a Home screen, touch Voice Search.
  - or −From a Home screen, touch Applications
  - → **Voice Search**.
- Touch Speak now, then speak your search criteria slowly and clearly. Google searches for the information and displays results.

#### **World Clock**

View the date and time in any time zone.

- From the Apps screen, touch World clock.
   A map of the world displays with the locations you have added flagged.
- 2. Touch Add to add a city to display.
  A list of world cities displays. Scroll through the list and touch the city you want to add. A pop-up displays the city name, the current time and date there, and the GMT offset. Touch the on the pop-up to add the city.
- Touch Reorder to change the order of the cities. Touch the grid on an entry and drag the entry to a new position in the list. Touch Done to change the order.
- Touch Remove to delete entries. Touch the box to check the cities you want to delete (a green check mark appears), then touch Remove.
- Touch and hold an entry to remove it or to set the DST settings, which enable or disable Daylight Savings Time adjustments.

#### **YouTube**

View and upload YouTube videos right from your device.

- 1. From the Apps screen, touch You YouTube.
- 2. Touch the **Home** tab to return to the main YouTube page.
- Touch the Browse tab to browse videos by categories like Comedy, Education, Music, and so on. Touch the desired category to display video thumbnails.
- 4. Touch the Your Channel tab to upload a video, see your favorites, manage your playlists, and display your subscriptions. To use this function, sign in to your YouTube account or add and account.
- Touch Search YouTube and use the keypad to enter a keyword or phrase to find a YouTube video. Touch on the keypad to initiate the search.
- **6.** While browsing, touch **Menu** for these options:
  - **Sign in**: Sign in or add a YouTube account. You may have to sign in to YouTube to use certain options.
  - Settings: Configure display and search settings and view information about the application.
  - Help: Display YouTube help information.
  - Feedback: Display a YouTube feedback form.

- While viewing a video, touch Share to share the video by way of Bluetooth, Email, Evernote Create Note, Gmail, or Social Hub.
- 8. While viewing a video, touch **Menu** for these options:
  - Favorite: Mark this video as a favorite.
  - Save to: Save the video.
  - Copy URL: Copy the URL of the video to the clipboard. For more information, refer to "Copying and Pasting a Hyperlink or URL" on page 54
  - Flag: Flag the video for YouTube review.
  - Settings: Configure display and search settings and view information about the application.
  - **Help**: Display YouTube help information.
  - Feedback: Display a YouTube feedback form.

# **Information on GPS Applications**

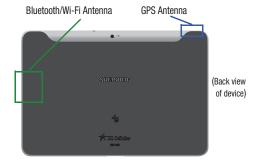
GPS applications allow you to achieve real-time, GPS-enabled, turn-by-turn navigation and to access local searches based on a variety of category parameters.

To receive better GPS signals, avoid using your device in the following conditions:

- · inside a building or between buildings
- · in a tunnel or underground passage
- · in poor weather
- · around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

Global GPS turn-by-turn navigation, mapping, and Point of Interest content is available for three continents, including North America (U.S., Canada, and Mexico), Western Europe, and China, where wireless coverage is available. Important!: If you touch or cover the internal GPS antenna while using GPS services, it may interfere with the GPS signal and could degrade performance. Refer to the following diagram to locate the approximate location of the internal GPS antenna.

# Location of Internal Antennas



# **Section 10: Settings**

This section explains Settings for customizing your device.

# **Accessing Settings**

► From a Home screen, touch **Settings**.

- or -

From a Home screen, touch  $\longrightarrow$  Applications  $\rightarrow$  Settings.

- or -

From any screen, touch the Time in the System bar, and then touch **Settings**.

(For more information, refer to "Status Details and Quick Settings" on page 19.)

# Wireless and networks

Control your device's wireless connections.

# Airplane mode

Airplane mode allows you to use many of your tablet's features, such as Camera, Games, and more, when you are in an airplane or in any other area where accessing data is prohibited.

Important!: When you place your tablet is in Airplane mode, it cannot access online information or use network or internet applications.

- From the Settings screen, touch Wireless and networks.
- Touch the Airplane mode check box to enable Airplane mode. A check mark appears next to the feature to indicate Airplane mode is active.

# Wi-Fi settings

Your device supports Wi-Fi a/b/g/n. Use Wi-Fi settings to manage your device's Wi-Fi connections.

For more information about using your device's Wi-Fi features, see "Wi-Fi" on page 77  $\,$ 

#### Turning Wi-Fi On or Off

Turn your device's Wi-Fi service on or off. When you turn Wi-Fi service on, your device automatically searches for available, inrange Wireless Access Points (WAPs).

- From the Settings screen, touch Wireless and networks.
- Touch Wi-Fi to turn Wi-Fi On or Off. When on, a check appears in the checkbox.

## **Notify me**

Have your device alert you to new Wireless Access Points (WAPs).

- From the Settings screen, touch Wireless and networks
   Wi-Fi settings.
- Touch Network notification to turn notifications On or Off. When on, a check appears in the checkbox.

## Wi-Fi Sleep Policy

Specify when to disconnect from Wi-Fi.

- From the Settings screen, touch Wireless and networks
   → Wi-Fi settings.
- Touch Wi-Fi sleep policy.
- Touch When screen turns off, Never when plugged in, or Never.

#### **Advanced Settings**

Set up and manage wireless access points.

- From the Settings screen, touch Wireless and networks
   → Wi-Fi settings.
- 2. Touch Menu for these settings:
  - Scan: The tablet scans for available Wi-Fi networks and displays the names of those it finds. Secured networks are indicated with a Lock icon. If the tablet finds a network that you connected to previously. it connects to it.

#### Advanced:

- MAC address: View your device's MAC address, required when connecting to some secured networks (not configurable).
- IP address: View your device's IP address.

#### Add Wi-Fi Network

To open a dialog where you can add a Wi-Fi network by entering its Network SSID (the name it broadcasts), security type, and other properties:

- From the Settings screen, touch Wireless and networks
   Wi-Fi settings.
  - Touch Add Wi-Fi network.
- 3. Use the keyboard to enter Network SSID.
- 4. Touch the Security field and then touch a security type.

- 5. Touch the **Proxy settings** field and select an option.
- 6. Touch the IP settings field and select an option.
- Use the keyboard to enter the Password.
- Touch Save.

## **Bluetooth Settings**

Use Bluetooth settings to manage Bluetooth connections, set your device's name, and control your device's visibility.

## **Turning Bluetooth On or Off**

Turn your device's Bluetooth service On or Off. For more information about using Bluetooth to exchange information with other Bluetooth devices, see "Bluetooth" on page 78

- 1. From the Settings screen, touch Wireless and networks.
- Touch Bluetooth to turn Bluetooth On or Off. When On, a check appears in the checkbox.

## **Additional Bluetooth Settings**

When Bluetooth is on, additional settings are available.

- From the Settings screen, touch Wireless and networks → Bluetooth settings.
- Touch a setting to configure Bluetooth:
  - · Device settings:
    - Bluetooth: Checkbox indicates if Bluetooth is on.

- Device Name: Your device's default name appears on screen. Touch to change the device name. Available when Bluetooth is turned On.
- Visible: Control your device's visibility to other devices' Bluetooth searches. Touch to turn On or Off. Available when Bluetooth is turned On.
- Visible time-out: Use this setting to control when to automatically turn off the Discoverable option: 2 minutes, 5 minutes, 1 hour, or Never.
- Show received files: Show the list of files received by using Bluetooth.
- · Paired devices:
  - Search for nearby devices: Touch to search for nearby discoverable devices. After searching, touch a device to pair with it. For more information, refer to "Pairing with a Bluetooth Device" on page 79.

# Tethering and portable hotspot

#### **Tethering**

Use Tethering to share your device's internet connection with another device that connects to your device via USB cable.

- From the Settings screen, touch Wireless and networks → Tethering and portable hotspot.
- 2. Connect the other device to the phone via USB cable.
- Touch USB Tethering to turn tethering On or Off. When On, a check appears in the checkbox.

Note: Using your phone as a tethered wireless internet connection consumes battery power and increases your data usage. Roaming while using your phone as a tethered wireless internet connection will incur extra data charges.

(For more information about activating your Tethering, refer to "Tethering" on page 79.)

## Portable Wi-Fi Hotspot

Use Portable Wi-Fi Hotspot to share your phone's data network with up to 5 PCs or other devices through Wi-Fi.

Note: To use Portable Wi-Fi Hotspot, you need the Portable Wi-Fi Hotspot feature from your Wireless Provider. Contact your Wireless Provider for more information.

Portable Wi-Fi Hotspot consumes battery power and uses data service. While the Portable Wi-Fi Hotspot is active, your phone's applications will use the Portable Wi-Fi Hotspot data feature allowance.

### Portable Wi-Fi Hotspot On or Off

- From the Settings menu, touch Wireless and network → Tethering and portable hotspot → Portable Wi-Fi Hotspot.
- Touch Portable Wi-Fi Hotspot to turn Portable Wi-Fi Hotspot On or Off. When on, a check appears in the checkbox. (For more information about activating your Portable Wi-Fi Hotspot, refer to "Turning On Portable Wi-Fi Hotspot" on page 80.)

Note: Using your phone as a Portable Wi-Fi Hotspot consumes battery power and increases your data usage. Roaming while using your phone as a Portable Wi-Fi Hotspot will incur extra data charges.

#### **Portable Wi-Fi Hotspot Settings**

- From the Settings menu, touch Wireless and network → Tethering and portable hotspot → Portable Wi-Fi Hotspot.
- Touch Configure portable Wi-Fi hotspot to setup your Portable Wi-Fi Hotspot:

Note: The first time you touch Configure portable Wi-Fi hotspot, you are prompted to confirm that you want to setup your Portable Wi-Fi Hotspot. Touch Yes to continue.

- Network SSID: View and edit your phone's name, used by other devices when connecting to your Portable Wi-Fi Hotspot.
- Security: Choose a security level.
- Password: Touch to require a password to access your phone as a hotspot, and set a password.
- Show password: Touch to enable display of your password in the Password field. When disabled, the password is not shown.

Tip: By default, your phone's Portable Wi-Fi Hotspot password is your phone number.

To view and manage connected devices, access the menus from the computer in which the tablet is connected.

#### **VPN** settings

The VPN settings menu allows you to set up and manage Virtual Private Networks (VPNs).

Important!: Before you can use a VPN you must establish and configure one.

## Adding a VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP (Point-to-Point Tunneling Protocol), L2TP (Layer 2 Tunneling Protocol), L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec), or L2TP/IPSec CRT (Certificate based L2TP/IPSec).

- From the Settings screen, touch Wireless and networks → VPN settings.
- Touch Add VPN.
- 3. To establish a PPTP (Point-to-Point Tunneling Protocol):
  - Touch Add PPTP VPN.
  - Touch VPN name, add a name for this connection using the keypad, then touch OK.
  - Touch Set VPN server, add a name using the keypad, then touch OK.
  - Touch Enable Encryption to make a check mark (if desired).
  - Touch DNS search domains, add a name for DNS search using the keypad, then touch OK.

- To establish a L2TP (Layer 2 Tunneling Protocol):
  - Touch Add L2TP VPN.
  - Touch VPN name, add a name for this connection using the keypad, then touch OK.
  - Touch Set VPN server, add a name using the keypad, then touch OK.
  - Touch Enable L2TP secret to make a check mark (if desired).
  - Touch Set L2TP secret and enter a password (if desired), then touch OK.
  - Touch DNS search domains, add a name for DNS search using the keypad, then touch OK.
- To establish a L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec):
  - Touch Add L2TP/IPSec PSK VPN.
  - Touch VPN name, add a name for this connection using the keypad, then touch OK.
  - Touch Set VPN server, add a name using the keypad, then touch OK.
  - Touch Set IPsec pre-shared key, enter a key and touch OK.
  - Touch **Enable L2TP security** to make a check mark (if desired).
  - Touch Set L2TP security and enter a password (if desired), then touch OK.
  - Touch DNS search domains, add a name for DNS search using the keypad, then touch OK.

- 6. To establish a L2TP/IPSec CRT (Certificate based L2TP/ IPSec):
  - Touch Add L2TP/IPSec CRT VPN.
  - Touch VPN name, add a name for this connection using the keypad, then touch OK.
  - Touch Set VPN server, add a name using the keypad, then touch OK.
  - Touch **Enable L2TP security** to make a check mark (if desired).
  - Touch Set L2TP security and enter a password (if desired), then touch OK.
  - Touch Set user certificate, then touch OK.
  - Touch Set CA certificate, then touch OK.
  - Touch DNS search domains, add a name for DNS search using the keypad, then touch OK.

#### Mobile networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Mobile networks options.

From the Settings screen, touch Wireless and networks → Mobile networks. The following options display:

#### **Use Packet Data**

To activate access to your Wireless Provider's data network (making it possible to use such applications such as Browser, Email, and YouTube), this option must be enabled. It is enabled by default.

Touch Use packet data to create a checkmark and activate the feature.

## **Global Data Roaming Access**

Data roaming allows you to connect to your service provider's partner networks and access data services when you are out of your service providers area of coverage.

Touch Data roaming to create a checkmark and activate the feature.

## **System Selection**

The System Selection feature allows you to select the network mode to use (LTE automatic, or CDMA mode).

- Touch System selection.
- 2. Select LTE automatic or CDMA mode.

## **Sound Settings**

#### Vibrate Mode

When enabled, your device vibrates to alert you to new notifications.

- 1. From the Settings screen, touch Sound.
- 2. Touch Vibrate to for these settings:
  - Always: The device vibrates for all notifications, regardless of other sound settings.
  - Never: No vibration is used for notifications.
  - Only in Silent mode: The device vibrates for notifications when in Silent mode.
  - Only when not in Silent mode: The device vibrates for notifications when not in Silent Mode.

## **Volume**

Set the volume level for all types of sounds.

Note: You can only set volume when Silent Mode is disabled.

- 1. From the **Settings** screen, touch **Sound** → **Volume**.
- Touch and drag the sliders to set the volume for:
  - Notification: Sounds for alerts to new messages and other events.
  - Media: Sounds made by music apps, video apps, and so on.
  - Alarm: Notifications for alarms set in the Alarm app.

System: Application sounds and other sounds made by your device.

Tip: You can also set System volume from the Home screen by pressing the Volume Key.

3. Touch OK to save your setting.

## **Notification Ringtone**

Select a default ringtone for message, alarm, and other notifications.

- From the Settings screen, touch Sound → Notification ringtone.
- 2. Touch a ringtone to hear a sample and select it.
- 3. Touch **OK** to save the setting.

## **Audible Selection**

When enabled, tones play when you touch screen items.

- From the Settings screen, touch Sound.
- Touch Audible selection to enable or disable tones. When enabled, a check mark appears in the check box.

#### Screen Lock Sounds

When enabled, tones play when unlocking and locking the screen.

- From the Settings screen, touch Sound.
- Touch Screen lock sounds to enable or disable tones. When enabled, a check mark appears in the check box.

# Haptic Feedback

When enabled, the device vibrates to indicate screen touches and other interactions.

- 1. From the Settings screen, touch Sound.
- Touch Haptic feedback to enable or disable vibration. When enabled, a check mark appears in the check box.

## **Vibration Intensity**

Set the intensity of vibration for screen touch feedback.

- From the Settings screen, touch Sound.
- Touch Vibration intensity. Touch and drag the slider to set.
- 3. Touch **OK** to save your setting.

# **Screen Settings**

## **Brightness**

Set the default screen brightness.

- From the Settings screen, touch Screen → Brightness.
- Touch and drag the slider to set the brightness or touch Automatic brightness.
- 3. Touch **OK** to save the setting.

# **Screen Display**

Set the Home screen and Lock screen wallpaper.

- From the Settings screen, touch Screen → Screen display.
- 2. Under Home screen, touch Wallpaper.

The **Select wallpaper from** pop-up displays. Touch **Gallery**, **Live Wallpapers**, or **Wallpapers**. For more information, refer to "Wallpaper" on page 23

3. Under Lock screen, touch Wallpaper.

Touch Wallpaper gallery to select a wallpaper or touch Gallery to select one of your photos. Touch the album to display the photos. Touch a photo to select it, then crop and resize the picture, if desired. Touch Ok to save the picture as wallpaper. Touch X to cancel.

#### Mode

Set the screen mode.

- From the Settings screen, touch Screen → Mode.
- Touch Dynamic, Standard, or Movie then touch OK.

#### **Auto-Rotate Screen**

When this option is checked, the screen orientation changes when you rotate the device. When this option is not checked, the screen orientation locks in the current orientation (landscape or portrait) and the orientation does not change when you rotate the device.

- 1. From the Settings screen, touch Screen.
- Touch Auto-rotate screen to enable or disable the auto-rotate feature.

#### **Animation**

Set the level of animations for transitions between screens.

- 1. From the Settings screen, touch Screen → Animation.
- 2. Touch No animations, Some animations, or All animations.

#### Timeout

Set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).

- From the Settings screen, touch Screen → Timeout.
- 2. Touch a setting to select it.

# **Auto Adjust Screen Power**

When enabled, your device automatically analyzes the screen and adjusts the brightness to conserve battery power.

- From the Settings screen, touch Screen.
- Touch Auto adjust screen power to enable or disable the mode. When enabled, a check appears in the check box.

# **Power Saving Mode**

When enabled, your device automatically analyzes the screen and adjusts the brightness to conserve battery power.

- From the Settings screen, touch Screen → Power saving mode.
- Touch Use custom power saving to enable or disable the mode. When enabled, a check appears in the check box.
- Refine your settings by checking options listed under Custom power saving settings. Check the appropriate box to turn off Wi-Fi, Bluetooth, GPS, or Sync.

- Touch Brightness to adjust screen brightness. Touch the second Brightness option to set the brightness to 10, 30, 50, 70, or 100 percent.
- Touch Timeout to set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).
- Touch Power saving tips to see tips on how to conserve power on your tablet.

# **Location and Security**

You value your privacy. So, by default, your device only acquires your location when you dial 911. To use Location-Based Services, you must first enable location services on your device.

## **My Location**

#### **Use Wireless Networks**

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Use wireless networks option or enable the GPS satellites.

- From the Settings screen, touch Location and security.
- Touch Use wireless networks to enable location information using the wireless network.

#### **Standalone GPS Services**

- 1. From the Settings screen, touch Location and security.
- Touch Standalone GPS services to enable the GPS satellite.

## **Use Location for Google Search**

- From the Settings screen, touch Location and security.
- Touch Use location data for Google Search to use your location to improve Google Search results and other Google services.

#### Lock Screen

#### **Configure Lock Screen**

Choose settings for unlocking your screen. For more information about using the lock and unlock features, see "Securing Your Tab" on page 11

- From the Settings screen, touch Location and security.
- Touch Configure lock screen for these settings:
  - Off: Never lock the screen.
  - Unsecured: Enable the lock screen, but no pattern, PIN, or password is required. For more information, refer to "Unlocking the Tab" on page 11
  - Pattern: A screen unlock pattern is a touch gesture you create and
    use to unlock your device. Follow the prompts to create or change
    your screen unlock pattern.

- PIN: Select a PIN to use for unlocking the screen.
- Password: Create a password for unlocking the screen.

#### **Owner Information**

This option is available only if you set **Configure lock screen** to display the lock screen (any setting other than **Off**).

Use this option to enable or disable whether to show owner information on the lock screen.

- From the Settings screen, touch Location and security.
- Touch Owner information and then touch Show owner info on lock screen to enable or disable the option.
- Touch text field and use the keyboard to enter the text to display on the lock screen.

# Encryption

To require a numeric PIN or password to decrypt your tablet each time you power it on.

- 1. From the **Settings** screen, touch **Location and security**.
- Touch Encrypt device. For more information, read the displayed help screen.

#### **Passwords**

#### Visible Passwords

When enabled, password characters display briefly as you touch them while entering passwords.

- 1. From the Settings screen, touch Location and security.
- Touch Visible passwords to enable or disable brief displays of password characters. When enabled, a check mark appears in the check box.

#### **Device Administration**

Add or remove device administrators.

- 1. From the Settings screen, touch Location and security.
- Touch Device administrators.

# **Credential Storage**

## **Use Secure Credentials**

This feature is not available for your device.

Tip: Make sure your battery is full charged. Encryption takes an hour or more.

## **Install from USB Storage**

Install encrypted certificates from a storage device, such as a PC, with the USB cable.

- From the Settings screen, touch Location and security.
- Touch Install from USB storage, then choose a certificate and follow the prompts to install.

#### **Set Password**

Set or change a password to protect credentials.

- From the Settings screen, touch Location and security.
- 2. Touch **Set password**, then follow the prompts.

## **Clear Storage**

Clear stored credentials and reset the password.

Note: This setting only appears if you have installed encrypted certificates.

- From the Settings screen, touch Location and security.
- Touch Clear storage to clear stored credentials and reset the password.

# **Applications**

You can download and install applications from Android Market or create applications using the Android SDK and install them on your device. Use Applications settings to manage applications.

Warning!: Because this device can be configured with system software not provided by or supported by Google or any other company, endusers operate these devices at their own risk.

# **Manage Applications**

Manage and remove applications from your device.

- From the Settings screen, touch Applications → Manage applications.
- Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

For more information, refer to "Uninstalling an App" on page 82

## **Running Services**

View and control services running on your device.

Warning!: Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.

► From the Settings screen, touch Applications → Running services.

To stop a service:

- Touch the service.
- Touch Stop.

The Stop system service? pop-up displays.

Touch **0K**.

# Memory Usage

See how memory is being used by Downloaded, All, or Running applications.

- From the Settings screen, touch Applications → Memory usage.
- Touch Downloaded, All, or Running to display memory usage for that category of applications.

### **Battery Use**

See how the battery is being used by device activities.

- From the Settings screen, touch Applications.
- Touch Battery use to view how the display, the Android system, and Wi-Fi are affecting battery use.
- Touch Screen, Cell standby, or Android System to view details.

#### **Unknown Sources**

Enable or disable installation of non-Market applications.

- From the Settings screen, touch Applications.
- Touch Unknown sources and touch OK to allow installation of non-Market applications.

**Warning!:** Enabling this option causes your tablet and personal data to be more vulnerable to attack by applications from unknown sources.

#### Development

Set options for application development.

## **USB Debugging**

When enabled, allows debugging when the device is attached to a PC by a USB cable.

Note: This setting is used for development purposes.

- From the Settings screen, touch Applications → Development.
- Touch USB debugging to enable or disable the setting. When enabled, a check mark appears in the check box.

## **Stay Awake**

When enabled, the screen does not go to sleep (lock) while connected to a PC with a USB cable. This can be useful when using some applications because the device disconnects a Wi-Fi connection when the screen locks.

Note: This setting is used for development purposes.

- From the Settings screen, touch Applications → Development.
- Touch Stay awake to enable or disable the setting. When enabled, a check mark appears in the check box.

#### **Allow Mock Locations**

This setting is used by developers when developing locationbased applications.

Note: This setting is used for development purposes.

- From the Settings screen, touch Applications → Development.
- Touch Allow mock locations to enable or disable the setting. When enabled, a check mark appears in the box.

# **Accounts and Sync**

Set up and manage accounts, including your Google and Backup Assistant accounts

# **General Sync Settings**

## **Background Data**

When enabled, all accounts can sync, send, and receive data at any time, in the background.

Important!: Disabling background data can extend battery life and lower data use. Some applications may still use the background data connection, even if this setting is disabled.

From the Settings screen, touch Accounts and sync.

Touch Background data to enable or disable the setting. When enabled, a check mark appears in the check box.

## **Auto-Sync**

When enabled, all accounts sync data at any time, automatically.

- 1. From the **Settings** screen, touch **Accounts and sync**.
- Touch Auto-sync to enable or disable the setting. When enabled, a check mark appears in the check box.

# **Manage Accounts**

Use Manage accounts to set up and configure your accounts.

Note: Available settings depend on the type of account. Not all settings are available for all accounts.

- 1. From the **Settings** screen, touch **Accounts and sync**.
- Under Manage accounts, touch the account to modify its settings.

For more information about accounts, see "Setting Up Your Accounts" on page 34

# **Adding an Account**

- 1. From the Settings screen, touch Accounts and sync.
- Touch + Add account.
- 3. Touch one of the account types.

Use the keyboard and follow the prompts to enter your credentials and set up the account.

Tip: For more information about adding accounts, see "Setting Up Your Accounts" on page 34

## **Removing an Account**

**Important!:** Removing an account also deletes all of its messages, contacts and other data from the device.

- 1. From the Settings screen, touch Accounts and sync.
- 2. Touch an account to display its settings.
- Touch Remove account, then touch Remove account at the prompt to remove the account and delete all its messages, contacts, and other data.

## **Account Settings**

To view the sync settings for an account:

- 1. From the **Settings** screen, touch **Accounts and sync**.
- 2. Touch an account to display its sync settings.
- Touch the sync settings that you want synchronized on your account.

## **Motion Settings**

It is possible to control certain aspects of your tablet by simply tilting it. You can tilt your tablet to reduce or enlarge the screen. You can move an icon from one Home page to another by panning your device to the left or right while holding the icon.

- From the Settings screen, touch Motion.
- Touch Motion activation to make the following options available.
  - Tilt to zoom: Touch Use tilt to activate the tilt option and then touch Sensitivity to set the sensitivity by dragging the slider between Slow and Fast. Touch Try to test your setting.
  - Pan to edit: Touch Use Pan to activate the panning option and then touch Sensitivity to set the sensitivity by dragging the slider between Slow and Fast. Touch Try to test your setting.

## **Privacy**

Manage your device's use of personal information.

### Personal Data

## **Factory Data Reset**

Use Factory data reset to return your device to its factory defaults. This setting erases all data from the device, including Google or other email account settings, system and application data and settings, and downloaded applications, as well as your music, photos, videos, and other files. If you reset the tablet in this way, the next time you turn on your tablet you are prompted to reenter the same kind of information as when you first started Android.

- 1. From the Settings screen, touch Privacy.
- Touch Factory data reset, then follow the prompts to perform the reset.
- Touch Reset device, then at the prompt, touch Erase everything.

# **Storage**

Use this option to view device memory usage.

From the Settings screen, touch Storage. Total device memory, memory used for applications, downloads, pictures, videos, audio, and miscellaneous files, and available memory are displayed.

# **Language and Input**

## **Select Language**

Set the language used by your device.

- From the Settings screen, touch Language & input → Select language.
- 2. Touch a language from the list.

## **Voice Input and Output**

Use Voice input and output settings to customize your device's voice recognition feature and audible readout of text, for example, the contents of email messages.

## **Voice Recognition Settings**

- From the Settings screen, touch Language & input → Voice recognition settings to configure:
  - Language: Choose a language for your voice input.
  - SafeSearch: Set the sensitivity for filtering of explicit images from the results of your voice-input Google searches.
  - Block offensive words: Enable or disable blocking of recognized offensive words from the results of your voice-input Google searches.
  - Personalized recognition: allows you to improve the speech recognition accuracy.
  - Google Account dashboard: allows you to manage the data you have collected.

### **Text-to-Speech Settings**

Voice output provides audible readout of text, for example, the contents of email messages.

- From the Settings screen, touch Language & input → Textto-speech settings to configure:
  - . Language & input:
    - Listen to example: Play a sample of speech synthesis (available if voice data is installed).
    - Always use my settings: When enabled, settings you make override the application's default settings.
  - Default settings: Configure settings to your preferences. When Always use my settings is enabled, these settings override the application's default settings.
    - **Default engine**: Choose the default text-to-speech engine application.
    - Install voice data: Download and install the speech synthesis data needed to activate Text-to-speech from Android Market (free).
    - Speech rate: Set the speed at which the text is spoken.
    - Language: Set the language voice for spoken text.
  - **Engines**: Configure settings for installed voice recognition engine(s).
    - Samsung TTS: Set Default settings → Default engine to Samsung TTS. Touch Voice effects to apply the various voice effects for the spoken text. Options are: Normal, deep, high, thin, thick, and robot voice, and, just for fun, the helium gas effect.
    - **Pico TTS**: Install text-to-speech engine applications.

### **Keyboard Settings**

Configure text entry options to your preferences.

# **Current Input Method**

Choose the default text entry method.

- From the Settings screen, touch Language & input → Current input method.
- Touch English (US) Keyboard (Android keyboard), English Voice (Android keyboard), Samsung keypad, or Swype to set the default method.

### **Input Method Selector**

Set whether you want the Input Selector button to appear in the System bar to the left of the time.

- From the Settings screen, touch Language & input → Input method selector.
- Touch Automatic, Always show, or Always hide to enable or disable the setting you want.

### **Configure Input Methods**

This screen lists settings for the input methods you have installed. For more information, refer to "Entering Text" on page 27

- From the Settings screen, touch Language & input → Configure input methods.
- Under Swype, touch Settings to display a screen where you can touch items to configure the Swype settings. Settings include:
  - Select Input Method: Switch between keyboards.
  - How to Swype: Learn Swype through quick, easy-to-use steps.
  - Personal dictionary: Manage your personal dictionary.
  - Preferences:
    - Audio feedback: When enabled, plays sounds as you enter text.
  - Show tips: View helpful tips from Swype.
  - Auto-spacing: When enabled, inserts spaces automatically when you pause entering text.
  - Auto-capitalization: When enabled, automatically capitalizes the first letter of the first word in a sentence.
  - Show complete trace: When enabled, briefly display the Swype trace.
  - Word suggestion: When enabled, suggests possible matching words as you enter text.

- Speed vs. accuracy: Send the sensitivity of Swype text recognition.
- Reset Swype's dictionary: Remove all words you have added to Swype's dictionary.

#### About

- Version: View the current Swype software version.
- Language Options: Activate and set languages.
  - Change current language: Select a language for the Swype keyboard.
- Active: Displays a list of languages. The active language is dimmed
- Under Android keyboard, touch Active input methods to display a screen where you can check the languages you want available for typing and speaking when using the on-screen keyboard and voice input.
- 4. Under Android keyboard, touch Settings to display the following options:

#### General

- Auto-capitalization: Check to have the on-screen keyboard automatically capitalize the first letter of the first word after a period, the first word in a text field, and each word in name fields.
- Vibrate on keypress: Check to vibrate each time you touch a key on the on-screen keyboard.
- Sound on keypress: Check to play a brief sound each time you touch a key on the on-screen keyboard.

#### Text correction

- Auto-correction: Check to automatically enter a suggested word, highlighted in the strip above the keyboard, when you enter a space or punctuation.
- Show correction suggestions: Check to show suggested words in a strip above the on-screen keyboard as you type.
- Under Samsung keypad, touch Settings to display the following options:
  - Input language: Used to set a default text entry language. Touch
    this field, scroll through the options, and touch the desired input
    language. When activated, a check appears in the box.
  - XT9: Enable or disable XT9 predictive text. When enabled the system suggests words matching your text entries, and, optionally, completes common words automatically.
  - XT9 advanced settings: When XT9 is enabled, touch this field to set the following options:
    - Word completion: Enable or disable automatic word completion for words matching your text entries.
    - Word completion point: Choose the number of letters for the system to use to predict words for automatic completion.
    - Spell correction: Enable or disable automatic spell checking and correction.
    - Next word prediction: When enabled, the system predicts the next word based on common usage patterns.
    - Auto-substitution: When enabled, the system automatically replaces words you enter with words from the XT9 auto-substitution list.

- Regional correction: When enabled, the system automatically changes the spelling of words based on norms for your locale.
- Recapture: When enabled, the system re-displays matching words when you make corrections to a word inserted by the system.
- XT9 my words: Add words to your XT9 predictive text dictionary.
- XT9 auto-substitution: Manage the list of words the system uses for auto-substitution (Auto-substitution setting must be enabled).
- Automatic full stop: Enable or disable automatic insertion of a "full stop" (period and space to end a sentence) by touching the space bar twice.
- Auto-capitalization: Enable or disable auto-capitalization. When enabled, the system automatically capitalizes words in your text based on common usage, such as at the beginning of sentences.
- Voice input: Enable or disable the Voice input feature. When enabled, you can choose to enter text by speaking the words, using Google's networked speech recognition feature.
- . Sound on keypress: Plays a sound when you press a key.
- . Tutorial: Guides you through how to use the Samsung keypad.

## **Accessibility**

Accessibility services are special features to make using the device easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

Note: You can download accessibility applications from Android Market and manage their use here.

- From the Settings screen, touch Accessibility.
- Touch Accessibility to activate or deactivate accessibility services. When activated, a check appears in the box.

## **Accessibility Applications**

Enable or disable accessibility services.

Note: You must activate Accessibility before enabling services.

- From the Settings screen, touch Accessibility.
- 2. Touch TalkBack to install TalkBack.

Note: TalkBack, when installed and enabled, is a speech synthesizer that speaks the labels or names of items as you navigate the tablet's user interface.

Touch a service to enable or disable the service. When enabled, a check mark appears in the check box.

## **Accessibility Scripts**

Use this option to allow or disallow applications to download accessibility scripts from Google.

- 1. From the Settings screen, touch Accessibility.
- Touch Download accessibility scripts to enable or disable the option.

#### **Touch Screen Controls**

Use this option to set the delay time for touch and hold.

- 1. From the Settings screen, touch Accessibility.
- Touch Tap and hold delay and then select from Short, Medium, or Long.

#### Vision

- From the Settings screen, touch Accessibility.
- 2. Touch Torch light to activate torch.

#### **Audio**

- From the Settings screen, touch Accessibility.
- 2. Touch Mono audio so you can listen through one earphone.

#### **Date and Time**

By default, your device receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the Date & time settings.

- From the Settings screen, touch Date and time.
- 2. Touch a setting to configure:
  - Automatic date and time: Touch the checkbox to use the network provided date and time.
  - Set date: Enter the current date (only available when the Automatic setting is disabled).
  - Set time: Enter the current time (only available when the Automatic setting is disabled).
  - Select time zone: Choose your local time zone (only available when the Automatic setting is disabled).
  - Use 24-hour format: Set the format for time displays. Touch the checkbox to display in 24-hour format. Otherwise, 12-hour format is displayed.
  - Select date format: Set the format for date displays.

#### **About Device**

View information about your device, including status, legal information, hardware and software versions, and battery use.

- 1. From the **Settings** screen, touch **About device**.
- 2. Touch items to view details:
  - System updates: Connect to the network and download new software.
  - Status: View Battery status, Battery level, MDN, Min, PRL version, MEID (D), MEID (H), SIM ID, IMSI, Network, Signal strength, Mobile network type, Service state, Roaming, Mobile network state, IMEI, Wi-Fi MAC address, Bluetooth address, UP time, FIPS 140-2 status
  - Battery use: View how the screen, the Android system, and Wi-Fi are affecting battery use. Touch Screen, Cell standby, or Android System to view details.

 Legal Information: Displays License settings, Open source licenses, and Google legal information.

Tip: To find your device's DivX<sup>®</sup> registration code and information about registering your device to play DivX protected video, touch License settings → DivX<sup>®</sup> VOD.

- Hardware version: Display the hardware version of your device.
- Model number: Display your device's model number.
- Android version: Display the firmware version of your device.
- Baseband version: Display the software version of your device.
- Kernel version: Display the kernel version of your device.
- Build number: Display your device's build number.

# **Section 11: Health and Safety Information**

This section outlines the safety precautions associated with using your Galaxy Tab. The terms "GALAXY" or "mobile device" are used in this section to refer to your Galaxy Tab. Read this information before using your mobile device.

# **Exposure to Radio Frequency (RF) Signals**

Although GALAXY is not a cell phone, it can operate on the same network as cell phones and can use the same Radio Frequency (RF) signals to communicate with the network as a cell phone. Therefore, although the following information refers specifically to RF exposure from wireless phones, it may apply similarly to GALAXY when it is being used on a cell phone network.

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to Radio Frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

# Do cell phones pose a health hazard?

Many people are concerned that cell phone radiation will cause cancer or other serious health hazards. The weight of scientific evidence has not linked cell phones with any health problems.

Cell phones emit low levels of Radio Frequency (RF) energy. Over the past 15 years, scientists have conducted hundreds of studies looking at the biological effects of the radio frequency energy emitted by cell phones. While some researchers have reported biological changes associated with RF energy, these studies have failed to be replicated. The majority of studies published have failed to show an association between exposure to radio frequency from a cell phone and health problems.

The low levels of RF cell phones emit while in use are in the microwave frequency range. They also emit RF at substantially reduced time intervals when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects.

The biological effects of radio frequency energy should not be confused with the effects from other types of electromagnetic energy.

Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays, can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material.

The energy levels associated with radio frequency energy, including both radio waves and microwaves, are not great enough to cause ionization of atoms and molecules. Therefore,

RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat), and other forms of electromagnetic radiation with relatively low frequencies.

While RF energy does not ionize particles, large amounts can increase body temperatures and cause tissue damage. Two areas of the body, the eyes and the testes, are particularly vulnerable to RF heating because there is relatively little blood flow in them to carry away excess heat.

# Research Results to Date: Is there a connection between RF and certain health problems?

The results of most studies conducted to date say no. In addition, attempts to replicate and confirm the few studies that have shown a connection have failed.

The scientific community at large therefore believes that the weight of scientific evidence does not show an association between exposure to Radio Frequency (RF) from cell phones and adverse health outcomes. Still the scientific community has supported additional research to address gaps in knowledge. Some of these studies are described below.

#### **Interphone Study**

Interphone is a large international study designed to determine whether cell phones increase the risk of head and neck cancer. A report published in the International Journal of Epidemiology

(June, 2010) compared cell phone usage for more than 5,000 people with brain tumors (glioma and meningioma) and a similar number of healthy controls.

Results of this study did NOT show that cell phones caused brain cancer. In this study, most people had no increased risk of brain cancer from using cell phones. For people with the heaviest use of cell phones (an average of more than ½ hour per day, every day, for over 10 years) the study suggested a slight increase in brain cancer. However, the authors determined that biases and errors prevented any conclusions being drawn from this data. Additional information about Interphone can be found at <a href="http://www.iarc.fr/en/media-centre/pr/2010/pdfs/pr200\_E.pdf">http://www.iarc.fr/en/media-centre/pr/2010/pdfs/pr200\_E.pdf</a>.

Interphone is the largest cell phone study to date, but it did not answer all questions about cell phone safety. Additional research is being conducted around the world, and the FDA continues to monitor developments in this field.

# International Cohort Study on Mobile Phone Users (COSMOS)

The COSMOS study aims to conduct long-term health monitoring of a large group of people to determine if there are any health issues linked to long-term exposure to radio frequency energy from cell phone use. The COSMOS study will follow approximately 300,000 adult cell phone users in Europe for 20 to 30 years. Additional information about the COSMOS study can be found at

http://www.ukcosmos.org/index.html.

# Risk of Brain Cancer from Exposure to Radio Frequency Fields in Childhood and Adolescence (MOBI-KIDS)

MOBI-KIDS is an international study investigating the relationship between exposure to radio frequency energy from communication technologies including cell phones and brain cancer in young people. This is an international multi-center study involving 14 European and non-European countries. Additional information about MOBI-KIDS can be found at <a href="http://www.creal.cat/programes-recerca/en\_projectes-creal/view.php?ID=39">http://www.creal.cat/programes-recerca/en\_projectes-creal/view.php?ID=39</a>.

# Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute

The National Cancer Institute (NCI) actively follows cancer statistics in the United States to detect any change in rates of new cases for brain cancer. If cell phones play a role in risk for brain cancer, rates should go up, because heavy cell phone use has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at http://seer.cancer.gov/.

#### **Cell Phone Industry Actions**

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user: and
- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

The FDA also is working with voluntary standard-setting bodies such as the Institute of Electrical and Electronics Engineers (IEEE), the International Commission on Non-Ionizing Radiation Protection (ICNIRP), and others to assure that safety standards continue to adequately protect the public.

# Reducing Exposure: Hands-Free Kits and Other Accessories

# Steps to Reduce Exposure to Radio Frequency Energy

If there is a risk from being exposed to radio frequency energy (RF) from cell phones - and at this point we do not know that there is - it is probably very small. But, if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your RF exposure.

- Reduce the amount of time spent using your cell phone;
- Use speaker mode or a headset to place more distance between your head and the cell phone.

#### **Hands-Free Kits**

Hands-free kits may include audio or Bluetooth<sup>®</sup> headsets and various types of body-worn accessories such as belt-clips and holsters. Combinations of these can be used to reduce RF energy absorption from cell phones.

Headsets can substantially reduce exposure because the phone is held away from the head in the user's hand or in approved body-worn accessories. Cell phones marketed in the U.S. are required to meet RF exposure compliance requirements when used against the head and against the body.

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used for convenience and comfort. They are also required by law in many states if you want to use your phone while driving.

# Cell Phone Accessories that Claim to Shield the Head from RF Radiation

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that accessories which claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hands-free" kits, these so-called "shields"

may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

#### **Children and Cell Phones**

The scientific evidence does not show a danger to any users of cell phones from RF exposure, including children and teenagers. The steps adults can take to reduce RF exposure apply to children and teenagers as well.

- Reduce the amount of time spent on the cell phone;
- Use speaker mode or a headset to place more distance between the head and the cell phone.

Some groups sponsored by other national governments have advised that children be discouraged from using cell phones at all. For example, The Stewart Report from the United Kingdom made such a recommendation in December 2000. In this report, a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. Their recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (updated 10/1/2010):

- FCC RF Safety Program: http://www.fcc.gov/oet/rfsafety/.
- Environmental Protection Agency (EPA): http://www.epa.gov/radtown/wireless-tech.html.
- Occupational Safety and Health Administration (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/.
   (Note: This web address is case sensitive.)
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/.
- World Health Organization (WHO): http://www.who.int/peh-emf/en/.
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de.
- Health Protection Agency: http://www.hpa.org.uk/Topics/Radiation/.
- US Food and Drug Administration:
   <a href="http://www.fda.gov/Radiation-EmittingProducts/">http://www.fda.gov/Radiation-EmittingProducts/</a>
   RadiationEmittingProductsandProcedures/
   HomeBusinessandEntertainment/CellPhones/default.htm.

# Specific Absorption Rate (SAR) Certification Information

Your wireless mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC RF exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The RF exposure limit set by the FCC for wireless mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless devices to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC SAR limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the mobile device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be well below the maximum reported value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the mobile device.

Before a new model mobile device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the SAR limit established by the FCC. Tests for each model mobile device are performed in positions and locations (e.g. near the body) as required by the FCC.

For typical operations, this mobile device has been tested and meets FCC SAR guidelines.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The FCC has granted an Equipment Authorization for this mobile device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR value for this model device as reported to the FCC is:

Body: 1.09 W/kg

SAR information on this and other model mobile devices can be accessed online on the FCC's website through <a href="http://transition.fcc.gov/oet/rfsafety/sar.html">http://transition.fcc.gov/oet/rfsafety/sar.html</a>. To find information that pertains to a particular model mobile device, this site uses the mobile device FCC ID number, which is usually printed somewhere on the case of the mobile device.

Once you have the FCC ID number for a particular mobile device, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular mobile device. Additional SAR information can also be obtained at <a href="http://www.fcc.gov/encyclopedia/specific-absorption-rate-sar-cellular-telephones">http://www.fcc.gov/encyclopedia/specific-absorption-rate-sar-cellular-telephones</a>.

#### **FCC Part 15 Information to User**

Pursuant to part 15.21 of the FCC Rules, you are cautioned that changes or modifications not expressly approved by Samsung could void your authority to operate the device.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

# Smart Practices While Driving On the Road - Off the Tablet

The primary responsibility of every driver is the safe operation of his or her vehicle.

Responsible drivers understand that no secondary task should be performed while driving whether it be eating, drinking, talking to passengers, or using a mobile device - unless the driver has assessed the driving conditions and is confident that the secondary task will not interfere with their primary responsibility.

Do not engage in any activity while driving a moving vehicle which may cause you to take your eyes off the road or become so absorbed in the activity that your ability to concentrate on the act of driving becomes impaired. Samsung is committed to promoting responsible driving and giving drivers the tools they need to understand and address distractions.

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. For example, only hands-free use may be permitted in certain areas.

Before using your device to chat with friends, consider your circumstances. Let the chat wait when driving conditions require. Remember, driving comes first, nothing else!

If you consider a chat necessary and appropriate, follow these tips:

- Use a hands-free device:
- Secure your mobile device within easy reach;
- Chat when you are not moving;
- Plan chats when your car will be stationary;
- Do not engage in stressful or emotional conversations;
- Let the person with whom you are speaking know that you are driving and will suspend the chat if necessary;

• Do not take notes or look up information while driving;

Notice regarding legal restrictions on mounting this device in an automobile:

Laws in some states may prohibit mounting this device on or near the windshield of an automobile. In other states, the law may permit mounting this device only in specific locations in the automobile. Be sure to consult the state and local laws or ordinances where you drive before mounting this device in an automobile. Failure to comply with these restrictions could result in fines, penalties, or other damages.

Never mount this device in a manner that will obstruct the driver's clear view of the street and traffic.

Never use wireless data services such as Web browsing or e-mail while operating a vehicle.

Never watch videos, such as a movie or clip, or play video games while operating a vehicle.

For more information, go to <a href="http://www.ctia.org">http://www.ctia.org</a>.

# **Battery Use and Safety**

The battery in GALAXY is not intended to be replaced by the consumer. If you believe the battery is damaged or needs to be replaced, take the GALAXY to a service center for inspection and replacement.

- Do not let the GALAXY or battery come in contact with liquids.
  Liquids can get into the GALAXY's circuits, leading to corrosion. Even
  when the GALAXY appears to be dry and appears to operate normally,
  the circuitry could slowly corrode and pose a safety hazard. If the
  GALAXY and/or battery get wet, have them checked by your service
  provider or contact Samsung, even if they appear to be working
  properly.
- Do not place your battery in or near a heat source. Excessive
  heating can damage the GALAXY or the battery and could cause the
  GALAXY or the battery to explode. Do not dry a wet or damp battery
  with an appliance or heat source such as a microwave oven, hair
  dryer, iron, or radiator. Avoid leaving your GALAXY in your car in high
  temperatures.
- Do not dispose of the GALAXY or the battery in a fire. The GALAXY
  or the battery may explode when overheated.
- Avoid dropping the GALAXY. Dropping the GALAXY, especially on a
  hard surface, can potentially cause damage to the GALAXY. If you
  suspect damage to the GALAXY or battery, take it to a service center
  for inspection.
- Never use any charger or battery that is damaged in any way.

Important! Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your GALAXY.

#### WARNING!

Use of a non-Samsung-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard. Samsung's warranty does not cover damage to the GALAXY caused by non-Samsung-approved batteries and/or chargers.

- Do not use incompatible batteries and chargers. Some websites
  and second-hand dealers not associated with reputable
  manufacturers and carriers, might be selling incompatible or even
  counterfeit batteries and chargers. Consumers should purchase
  manufacturer or carrier-recommended products and accessories. If
  unsure about whether a replacement battery or charger is compatible,
  contact the manufacturer of the battery or charger.
- Misuse or use of incompatible batteries and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your phone, or other serious hazard.

# **Samsung Mobile Products and Recycling**

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories.

Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

For more information about recycling your GALAXY, go to: http://mobile.samsungusa.com/recycling/index.jsp or call 1-800-822-8837 for more information.

To find the nearest recycling location, go to: <a href="https://www.samsung.com/recyclingdirect">www.samsung.com/recyclingdirect</a> or call 1-877-278-0799.

Warning! Never dispose of batteries in a fire because they may explode.

# **UL Certified Travel Charger**

The Travel Charger for this mobile device has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines:

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

## **Display / Touch-Screen**

Please note the following information when using your mobile device:

#### WARNING REGARDING DISPLAY

The display on your mobile device is made of glass or acrylic and could break if your mobile device is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

# WARRANTY DISCLAIMER: PROPER USE OF A TOUCH-SCREEN MOBILE DEVICE

If your mobile device has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, please refer to the "Standard Limited Warranty".

#### **GPS**

GALAXY can use a Global Positioning System (GPS) signal for location-based applications. A GPS uses satellites controlled by the U.S. Government that are subject to changes implemented in accordance with the Department of Defense policy and the 2008 Federal Radio navigation Plan (FRP). Changes may affect the performance of location-based technology on your mobile device.

#### **Your Location**

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based

information. The location-based information may be shared with third-parties, including your wireless service provider, applications providers, Samsung, and other third-parties providing services.

## **Navigation**

Maps, directions, and other navigation-data, including data relating to your current location, may contain inaccurate or incomplete data, and circumstances can and do change over time. In some areas, complete information may not be available. Therefore, you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs.

## **Emergency Communication**

GALAXY should not be relied upon for essential communications (medical emergencies, calls to 911, or communications to emergency services). GALAXY is not designed or intended to be used for such communications. Voice Over Internet Protocol (VOIP) services which may be used on GALAXY to make phone calls do not support 911 calls and are only intended for talking with friends.

#### **Care and Maintenance**

Your mobile device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

## Keep your Samsung Mobile Device away from:

#### Liquids of any kind

Keep the mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits.

If the mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, because this may damage the mobile device and could cause a fire or explosion. Do not use the mobile device with a wet hand. Doing so may cause an electric shock to you or damage to the mobile device.

#### Extreme heat or cold

Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.

#### Microwaves

Do not try to dry your mobile device in a microwave oven. Doing so may cause a fire or explosion.

#### **Dust and Dirt**

Do not expose your mobile device to dust, dirt, or sand.

#### Cleaning solutions

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the mobile device. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

#### Shock or vibration

Do not drop, knock, or shake the mobile device. Rough handling can break internal circuit boards.

### Paint

Do not paint the mobile device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

## **Responsible Listening**

# Caution! Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations.

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cell phones, at high volume settings

for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth® or other wireless devices).

Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound, and distorted hearing. Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings, and equipment.

You should follow some common sense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- Be aware that you can adapt to higher volume settings over time, not realizing that the higher volume may be harmful to your hearing.
- When using headphones, turn the volume down if you cannot hear the
  people speaking near you or if the person sitting next to you can hear
  what you are listening to.

- Do not turn the volume up to block out noisy surroundings. If you
  choose to listen to your portable device in a noisy environment, use
  noise-cancelling headphones to block out background environmental
  noise. By blocking background environment noise, noise cancelling
  headphones should allow you to hear the music at lower volumes than
  when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you
  experience ringing in your ears, hear muffled speech, or experience
  any temporary hearing difficulty after listening to your portable audio
  device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

### **American Academy of Audiology**

11730 Plaza American Drive, Suite 300 Reston, VA 20190

Voice: (800) 222-2336 Email: info@audiology.org

Internet:

http://www.audiology.org/Pages/default.aspx

## National Institute on Deafness and Other Communication Disorders

National Institutes of Health 31 Center Drive, MSC 2320 Bethesda. MD 20892-2320

Email: nidcdinfo@nih.gov

Internet:

http://www.nidcd.nih.gov/

## National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W., Suite 9200 Patriots Plaza Building Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4674) 1-800-CDC-INFO (1-800-232-4636) Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet:

http://www.cdc.gov/niosh/topics/noise/default.html

1-888-232-6348 TTY

## **Operating Environment**

Remember to follow any special regulations in force in any area, and always switch your mobile device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the mobile device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

## **Using Your Mobile Device Near Other Electronic Devices**

Most modern electronic equipment is shielded from Radio Frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives.

#### **Implantable Medical Devices**

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON;
- Should not carry the mobile device in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider.

For more information see: <a href="http://www.fcc.gov/oet/rfsafety/rf-fags.html#">http://www.fcc.gov/oet/rfsafety/rf-fags.html#</a>.

#### **Other Medical Devices**

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your mobile device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

#### **Vehicles**

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

#### **Posted Facilities**

Switch your mobile device off in any facility where posted notices require you to do so.

#### **Potentially Explosive Environments**

Switch your mobile device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the mobile device off while at a refueling point (service station).

Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

## When your Device is Wet

Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service center.

## Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or use services that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

#### **FCC Notice and Cautions**

#### **FCC Notice**

The mobile device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the mobile device if such interference cannot be eliminated. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

#### **Cautions**

Any changes or modifications to your mobile device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers.

The use of any unauthorized accessories may be dangerous and void the mobile device warranty if said accessories cause damage or a defect to the mobile device. Although your mobile device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

## **Other Important Safety Information**

- Only qualified personnel should service the mobile device. Faulty service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile devices or related equipment used in your vehicle are securely mounted.
- Check regularly that all wireless mobile device equipment in your vehicle is mounted and operating properly.
- When using a headset in dry environments, static electricity can build
  up in the headset and cause a small quick static electrical shock. To
  minimize the risk of electrostatic discharge from the headset avoid
  using the headset in extremely dry environments or touch a grounded
  unpainted metal object to discharge static electricity before inserting
  the headset
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the mobile device, its parts, or accessories.

- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your mobile device off before boarding an aircraft. The use of wireless mobile devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a mobile device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of network services to the offender, or legal action, or both.
- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing games for extended periods. If you feel any discomfort, stop using the device immediately.

- Reduce risk of repetitive motion injuries. When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop use and see a physician.
- If your device has a camera flash or light, do not use the flash or light close to the eyes of people or pets. [122011]

## **Section 12: Warranty Information**

## **Standard Limited Warranty**

### What is covered and for how long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants that SAMSUNG's devices and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase by the first consumer purchaser and continuing for the following specified period of time after that date:

Tablet 1 Year

Batteries (Including 1 Year

Internal Batteries)

Case 90 Days

Other Tablet Accessories 1 Year

#### What is not covered?

This Limited Warranty is conditioned upon proper use of Product by Purchaser.

This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, moisture,

dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress: (b) scratches, dents and cosmetic damage, unless caused by SAMSUNG; (c) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen: (d) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (e) ordinary wear and tear; (f) defects or damage resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG: (g) defects or damage resulting from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG: (h) defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source: (i) defects or damage resulting from cellular signal reception or transmission, or viruses or other software problems introduced into the Product; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by

a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG Tablet for which it is specified.

### What are SAMSUNG's obligations?

During the applicable warranty period, provided the Product is returned in accordance with the terms of this Limited Warranty, SAMSUNG will repair or replace the Product, without charge to Purchaser, or at SAMSUNG's sole option, refund the purchase price.

SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced cases will be warranted for a period of ninety (90) days. All other repaired/replaced Products will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for ninety (90) days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of SAMSUNG. This Limited Warranty is extended to the Purchaser and is not transferable or assignable to any other person or entity.

## What must you do to obtain warranty service?

To obtain service under this Limited Warranty, Purchaser must return the Product to an authorized Tablet service facility in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sale showing the original date of purchase, the serial number of the Product and the seller's name and address.

To obtain assistance on where to deliver the Product, please call SAMSUNG Customer Care at 1-800-SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

Purchaser should keep a separate backup copy of any contents of the Product before delivering the Product to SAMSUNG for warranty service, as some or all of the contents may be deleted or reformatted during the course of warranty service.

#### What are the limits on SAMSUNG's liability?

THIS LIMITED WARRANTY SETS OUT THE FULL EXTENT OF SAMSUNG'S RESPONSIBILITIES, AND THE EXCLUSIVE REMEDY REGARDING THE PRODUCTS. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY.

IN NO EVENT SHALL SAMSUNG BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR FOR, WITHOUT LIMITATION, COMMERCIAL LOSS OF ANY SORT; LOSS OF USE, TIME, DATA, REPUTATION, OPPORTUNITY, GOODWILL, PROFITS OR SAVINGS; INCONVENIENCE; INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES; OR DAMAGES ARISING FROM THE USE OR INABILITY TO USE THE PRODUCT. SOME STATES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE DISCLAIMER OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND DISCLAIMERS MAY NOT APPLY TO YOU.

SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT USED IN CONJUNCTION WITH THE PRODUCT, OR THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE. RESPONSIBILITY FOR THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT RESTS

SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT.

Nothing in the Product instructions or information shall be construed to create an express warranty of any kind with respect to the Products. No agent, employee, dealer, representative or reseller is authorized to modify or extend this Limited Warranty or to make binding representations or claims, whether in advertising, presentations or otherwise, on behalf of SAMSUNG regarding the Products or this Limited Warranty.

This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

#### What is the procedure for resolving disputes?

ALL DISPUTES WITH SAMSUNG ARISING IN ANY WAY FROM THIS LIMITED WARRANTY OR THE SALE, CONDITION OR PERFORMANCE OF THE PRODUCTS SHALL BE RESOLVED EXCLUSIVELY THROUGH FINAL AND BINDING ARBITRATION, AND NOT BY A COURT OR JURY. Any such dispute shall not be combined or consolidated with a dispute involving any other person's or entity's Product or claim, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action.

The arbitration shall be conducted before a single arbitrator, whose award may not exceed, in form or amount, the relief allowed by the applicable law. The arbitration shall be conducted according to the American Arbitration Association (AAA) Commercial Arbitration Rules applicable to consumer disputes. This arbitration provision is entered pursuant to the Federal Arbitration Act. The laws of the State of Texas, without reference to its choice of laws principles, shall govern the interpretation of the Limited Warranty and all disputes that are subject to this arbitration provision. The arbitrator shall decide all issues of interpretation and application of this arbitration provision and the Limited Warranty.

For any arbitration in which your total damage claims, exclusive of attorney fees and expert witness fees, are \$5,000.00 or less ("Small Claim"), the arbitrator may, if you prevail, award your reasonable attorney fees, expert witness fees and costs as part of any award, but may not grant SAMSUNG its attorney fees, expert witness fees or costs unless it is determined that the claim was brought in bad faith. In a Small Claim case, you shall be required to pay no more than half of the total administrative, facility and arbitrator fees, or \$50.00 of such fees, whichever is less, and SAMSUNG shall pay the remainder of such fees. Administrative, facility and arbitrator fees for arbitrations in which your total damage claims, exclusive of attorney fees and expert witness fees, exceed \$5,000.00 ("Large Claim") shall be

determined according to AAA rules. In a Large Claim case, the arbitrator may grant to the prevailing party, or apportion among the parties, reasonable attorney fees, expert witness fees and costs. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction.

This arbitration provision also applies to claims against SAMSUNG's employees, representatives and affiliates if any such claim arises from the Product's sale, condition or performance.

You may opt out of this dispute resolution procedure by providing notice to SAMSUNG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product. To opt out, you must send notice by e-mail to optout@sta.samsung.com, with the subject line: "Arbitration Opt Out." You must include in the opt out e-mail (a) your name and address; (b) the date on which the Product was purchased; (c) the Product model name or model number; and (d) the IMEI or MEID or Serial Number, as applicable, if you have it (the IMEI or MEID or Serial Number can be found (i) on the Product box; (ii) on the Product information screen, which can be found under "Settings:" (iii) on a label on the back of the Product beneath the battery, if the battery is removable; and (iv) on the outside of the Product if the battery is not removable). Alternatively, you may opt out by calling 1-888-987-4357 no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product and providing the same information. These are the only two forms of notice that will be

effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the benefits of the Limited Warranty.

## Severability

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.

## **Precautions for Transfer and Disposal**

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the Samsung Customer Care Center for details

Important! Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply. Samsung Telecommunications America, LLC 1301 E. Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG

Phone: 1-888-987-HELP (4357)

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10. Disclaimer of Warranty Regarding Third-Party Applications. SAMSUNG DOES NOT WARRANT OR MAKE ANY REPRESENTATIONS REGARDING THE AVAILABILITY. USE. TIMELINESS, SECURITY, VALIDITY, ACCURACY, OR RELIABILITY OF, OR THE RESULTS OF THE USE OF, OR OTHERWISE RESPECTING. THE CONTENT OF ANY THIRD-PARTY APPLICATION WHETHER SUCH THIRD-PARTY APPLICATION IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG, IS DOWNLOADED, OR OTHERWISE OBTAINED. USE OF ANY THIRD-PARTY APPLICATION IS DONE AT PURCHASER'S OWN DISCRETION AND RISK AND PURCHASER IS SOLELY RESPONSIBLE FOR ANY DAMAGE TO YOUR MOBILE DEVICE OR LOSS OF DATA THAT RESULTS FROM THE DOWNLOADING OR USE OF SUCH THIRD-PARTY APPLICATIONS. SAMSUNG EXPRESSLY DISCLAIMS ANY WARRANTY REGARDING WHETHER PURCHASER'S PERSONAL INFORMATION IS CAPTURED BY ANY THIRD-PARTY APPLICATION PROVIDER OR THE USE TO WHICH SUCH PERSONAL INFORMATION MAY BE PUT BY SUCH THIRD-PARTY APPLICATION PROVIDER, ANY THIRD-PARTY APPLICATIONS PROVIDED WITH THIS MOBILE DEVICE ARE PROVIDED "AS IS" AND ON AN "AS AVAILABLE" BASIS. WITHOUT WARRANTIES OF ANY KIND FROM SAMSUNG, EITHER EXPRESS OR IMPLIED, TO THE FULLEST EXTENT POSSIBLE PURSUANT TO APPLICABLE LAW, SAMSUNG DISCLAIMS ALL WARRANTIES EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, IMPLIED

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## **Social Hub**

## **Legal Terms and Privacy**

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By using the Service, you agree to be bound by the above documents. Please read through those documents to make sure you understand the basis on which Samsung is providing the Service to you.

You will be able to access additional features available at socialhub.samsungmobile.com.

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You are not allowed to use the Service if you do not agree to the Terms. To the extent permitted by applicable law, Samsung reserves the right to modify, update, supplement, revise or otherwise change the Terms, and to impose new or additional rules, policies, terms or conditions in relation to the Service, from time to time with or without notice to you ("Amendments").

Samsung may provide you with notice of the Amendments by sending an email message to the email address listed in your account information (if any), or by posting the notice on the Social Hub website.

Such Amendments will be effective immediately and incorporated into the Terms upon sending or posting of such notice. You are responsible for regularly reviewing the Terms. Your continued use of the Service will be deemed to constitute your acceptance of any and all such Amendments.

## **Eligibility**

To use the Service, you must be at least sixteen (16) years of age. If you are at least sixteen (16) years of age but are a minor for legal purposes where you live, you must review the Terms and have your parent or legal guardian accept the Terms on your behalf in order for you to use the Service. The person accepting the Terms on your behalf must be legally competent.

#### Your Information

When required to provide information in connection with your use of the Service, you agree to provide truthful and complete information. Providing misleading information about your identity is forbidden. When you first use the Service, you may be required to create a username and a password.

You (and your parent or legal guardian, if you are a minor) are personally responsible for any use of the Service with your username and password.

You agree to take due care in protecting your username and password against misuse by others and promptly notify Samsung about any misuse.

#### **Termination of Service**

Samsung may terminate or restrict your access to certain parts of the Service if there is an indication that you have breached the Terms or at any time in its sole discretion.

#### **Your Material**

Except as set forth in the Social Hub Privacy Policy, Samsung shall not be responsible for any removal of the information or content you have submitted in the course of using the Service ("Material") when your access to the Service is terminated. Your submission of Material in the course of using the Service does not transfer ownership rights in the Material to Samsung. After the Material is removed from the Service by either you or Samsung, some traces of the Material may remain and copies of the Material may still reside within the servers used in providing the Service. However, Samsung does not claim ownership in your Material.

You represent and warrant that you have obtained any consents, permission or licenses that may be required for you to have the legal right to submit any Material. Samsung reserves the right to terminate your access to the Service if Samsung determines, at its sole discretion, that you have repeatedly submitted infringing Materials to the Service.

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You agree to:

- Use the Service only for your private, non-commercial purposes;
- · Comply with applicable laws, the Terms and good manners;
- Not submit unlawful, offensive, abusive, pornographic, harassing, libelous or other inappropriate Material;
- · Respect the privacy of others;
- Obtain any consents, permission or licenses that may be required for you to have the legal right to submit any Material; and
- Not distribute or post spam, unreasonably large files, chain letters, pyramid schemes, viruses or any other technologies that may harm the Service, or the interest or property of the Service users.

Unauthorized use of the Service (including any use in contravention of the Terms) is prohibited and may result in criminal prosecution and/or civil liability.

#### Restrictions

You and any third party directed by You must not display, copy, store, modify, sell, publish or redistribute the Service (whether all or any portion of it), and such displaying, copying, storing, modification, sale, publishing and redistribution shall be prohibited unless you have obtained all necessary rights and permissions from Samsung and the owners and right holders of such the Service or relevant part.

You must not use the Service for any purposes other than those permitted under the Terms. Without limiting this restriction, you must not use the service for any illegal purposes, to make unsolicited offers or advertisements, to impersonate or falsely claim affiliation with any person or entity, to misrepresent, harass, defraud or defame others, to post obscene or unreasonably offensive material, to negatively present the Service, nor for any commercial purposes.

Except as expressly permitted by the Terms, and except to the extent that applicable laws prevent Samsung from restraining you from doing so, you are not allowed to disassemble, reverse engineer, tamper with the Service, transmit malicious code or collect information of other users through the Service.

You may not take any action to interrupt the functionality of or tamper with the Service or any content or service contained in or provided through the Service, or any servers used in providing the Service, or to unreasonably affect others' enjoyment of the Service in any way.

## **Actions Required by Law**

Samsung may need to comply with lawful interception and/or data retention requirements imposed by your country of residence or any other country in which you use the Service. Samsung may restrict access to any part of the Service or terminate your access to the Service, at any time in its sole discretion if required by law or by the relevant authorities or regulatory agencies to do so.

#### **Third Party Sites and Content**

The Service may allow access to sites on the Internet that are owned or operated by third parties. Access to such sites does not imply that Samsung endorses the site or the conduct, products or services on the site. Upon accessing any such site, you must review and agree to the rules of use of the relevant site before using the site.

You acknowledge and agree that Samsung has no control over the content, products or services of third-party sites and does not assume any responsibility for or in respect of such content, products or services. Third party content and services may be terminated or interrupted at any time, and Samsung makes no representation or warranty that any content or service will remain available for any period of time. Samsung expressly disclaims any responsibility or liability for any interruption or suspension of any third party content or service.

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#### **Subscription Information**

Use of the Service may involve transmission of data through your service provider's network. Your network service provider may charge you for such data transmission. Samsung assumes no responsibility for the payment of any such charges.

#### **Availability**

The Service may be network dependent - contact your network service provider for more information. Samsung reserves the right, in its sole discretion, to change, improve and correct the Service. The Service may not be available during maintenance breaks and other times. Samsung may also decide to discontinue the Service or any part thereof in its sole discretion. In such case you will be provided with prior notification.

Samsung does not represent or warrant that the Service, or any part thereof, is appropriate or available for use in any particular jurisdiction. If you choose to access the Service, you do so on you own initiative and at you own risk, and you are responsible for complying with all US federal, state and local laws, rules and regulations.

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example to send notifications of incoming messages. When you use the Service, certain technical information such as the type and serial number of your mobile device, Internet protocol address, your mobile network and country codes, timezone, technical details of your client as well as your transactions with Samsung, for example your acceptance of the Terms, will be automatically collected by Samsung.

The purposes for which Samsung may use such data are explained in the Social Hub Privacy Policy. Samsung may also participate with your selected service providers in maintaining your contact lists.

The third party services and content you access through the Service and the telecommunications carriers and the network through which you access the Service are provided and hosted by your selected third party content and service providers who typically has a privacy policy of its own. We recommend you familiarize yourself with your service provider's privacy policy. Samsung is not responsible for the privacy or any other practices of such service providers. Although your messages will be transmitted through Samsung's servers, Samsung will not process the content or headers of your messages for any purpose other than as necessary to deliver and manage your messages, unless otherwise required by law.

In connection with certain services accessible via the Service, Samsung may cooperate with your operator and other third parties. Samsung may receive from such third parties certain device specific non-personal information, such as device serial number of the devices sold by the operator with preinstalled software for the Service. Such information may be used for aanalyzing the activation of the Service.

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IF THERE IS A CLAIM THAT WE HAVE BREACHED ANY OF THE PROVISIONS IN THE TERMS, THIS DOES NOT AFFECT OR INVALIDATE THE OTHER PROVISIONS.

CERTAIN STATUTORY PROVISIONS UNDER APPLICABLE LAW MAY IMPLY WARRANTIES OR CONDITIONS OR IMPOSE OBLIGATIONS UPON SAMSUNG WHICH CANNOT BE EXCLUDED, RESTRICTED OR MODIFIED OR CANNOT BE EXCLUDED, RESTRICTED OR MODIFIED EXCEPT TO A LIMITED EXTENT. THE TERMS MUST BE READ SUBJECT TO THESE STATUTORY PROVISIONS. IF THESE STATUTORY PROVISIONS APPLY, TO THE EXTENT TO WHICH SAMSUNG IS ABLE TO DO SO, SAMSUNG LIMITS ITS LIABILITY UNDER THOSE PROVISIONS TO, AT ITS OPTION, IN THE CASE OF

SERVICES (A) THE SUPPLYING OF THE SERVICES AGAIN; OR (B) THE PAYMENT OF THE COST OF HAVING THE SERVICES SUPPLIED AGAIN AND, IN THE CASE OF GOODS, (A) THE REPLACEMENT OF THE GOODS OR THE SUPPLY OF EQUIVALENT GOODS; (B) THE REPAIR OF THE GOODS; (C) THE PAYMENT OF THE COST OF REPLACING THE GOODS OR OF ACQUIRING EQUIVALENT GOODS; OR (D) THE PAYMENT OF THE COST OF HAVING THE GOODS REPAIRED.

#### Indemnification

You agree to defend, indemnify and hold harmless Samsung from and against any and all third party claims and all liabilities, assessments, losses, costs or damages resulting from or arising out of i) your breach of the Terms, ii) your infringement or violation of any intellectual property, other rights or privacy of a third party, iii) misuse of the Service by a third party where such misuse was made possible due to your failure to take reasonable measures to protect your username and password against misuse.

#### **Choice of Law**

Except where prohibited by applicable law or provided otherwise herein, the Terms shall be governed by the laws of the State of New York without regard to its conflict of law provisions.

You and Samsung agree to submit to the non-exclusive jurisdiction of the competent courts in the State of New York to resolve any legal matters arising from the Terms.

Notwithstanding this, you agree that Samsung shall still be allowed to apply for injunctive remedies (or equivalent type of urgent legal relief) in any jurisdiction.

#### Miscellaneous

The Terms (including all documents comprising the Terms) constitute the entire agreement between you and Samsung, and supersedes any prior agreement between you and Samsung, with respect to your use of the Service. Your use of any third-party content or service accessed via the Service will be governed by the terms and conditions furnished with, and applicable to that content or service. If any provision of the Terms is held invalid, illegal or unenforceable, that portion of the Terms shall be construed in a manner consistent with applicable law to reflect, as nearly as possible, the original intentions of the parties, and the remaining portion of the Terms shall remain in full force and effect. Samsung's failure to enforce any right or provision of the Terms will not constitute a waiver of such provision, or any other provision of the Terms.

Samsung will not be liable or responsible for any failure to fulfill any of its obligations under the Terms which failure is due to any cause or condition beyond the reasonable control of Samsung. If there is any conflict between these Social Hub Terms and

Conditions and the Social Hub Privacy Policy, the provisions of these Social Hub Terms and Conditions shall prevail. The provisions of the Terms that are intended to or by their nature should survive termination of your use of the Service shall remain valid after any such termination.

## **Social Hub Privacy Policy**

Samsung Electronics Co., Ltd. ("Samsung") is committed to protecting the online privacy of visitors, users and customers to our Social Hub service. This privacy policy ("Privacy Policy") forms part of the Terms which govern your use of Social Hub(excluding any third party content and services), and (if applicable) the website where you accessed this Privacy Policy, (collectively, the "Service"). The purpose of the Privacy Policy is to inform you about the types of information we gather about you when you access or use the Service, how we may use that information, and if and how we disclose it to third parties.

All users of the Service are required to provide true, current, complete and accurate personal information when prompted and we will reject and delete any entry that we believe in good faith to be incorrect, false, falsified, or fraudulent, or inconsistent with or in violation of the Privacy Policy.

We will provide you with an opportunity to give your consent in relation to your use of the Service. Separate from such consent, your access or use of the Service will be construed as your acceptance of the Privacy Policy and of our collection, use,

disclosure, management and storage of your personal information as described below. We may, from time to time, transfer or merge any personal information collected off-line to our online databases or store off-line information in an electronic format. We may also combine personal information we collect online with information available from other sources, including information received from our affiliates, marketing companies, or advertisers. This Privacy Policy covers all such personal information and will remain in full force and effect as long as you are a user of the Service, even if your use of or participation in any particular service, feature, function or promotional activity terminates, expires, ceases, is suspended or deactivated for any reason.

#### INFORMATION THAT WE COLLECT

#### **Personal Information**

We may request that you supply us with "personal" information, such as your name, e-mail address, mailing address, home or work telephone number in the course of you accessing or using the Service, such as via registration forms, surveys, and polls. In each such case, you will know what categories of information we collect because you will actively provide the information to us. You may not be able to fully utilize all of the features or components of the Service if you choose not to provide certain information. If you do choose to give us personal information through the Service, we will collect and retain that information.

#### Non-Personal Information

When you use the Service, we may also collect "non-personal" information. We consider "non-personal information" to be information that, by itself, cannot be used to identify or contact you personally, such as demographic information (your age, gender, income, education, profession, zip code, etc.). Non-personal information may also include technical information, such as your IP address and other anonymous data involving your use of the Service.

Non-personal information may also include information that you provide us through your use of the Service, such as the terms you enter into the search functions of Social Hub, mail inbox and instant messenger. We reserve the right to use or disclose non-personal information in any way we see fit.

## **USE OF INFORMATION WE COLLECT**

#### **Our Services**

We use your personal information to provide you with any services that you may request or require, to communicate with you and to allow you to participate in online surveys. We use aggregated non-personal information about our users to understand the demographics of users of the Service, such as the percentage of male and female users, the geographic distribution of our users, the age ranges of our users, a combination of these and/or other demographics. We may also

use the personal or non-personal information we collect to analyze how Service is being used, and to improve the content of the Service, and for marketing and promotional efforts.

#### E-mail Communications

If you send us an e-mail with questions or comments, we may use your personal information to respond to your questions or comments, and we may save your questions or comments for future reference. Aside from our reply to such an e-mail, it is not our standard practice to send you e-mail unless you request a particular service that involves e-mail communications. However, you consent to us contacting you by e-mail, and sending you information about products and services which we believe may be of interest to you. You may have the opportunity to subscribe to an electronic newsletter in which case information about the Service or our advertisers will be sent to your e-mail address. We will provide you with the option to change your preferences and opt-out of receiving those communications. You may request at any time that we not e-mail you in future by clicking the "unsubscribe" link which is included at the bottom of any e-mail that you receive from us. If you unsubscribe, we will make reasonable efforts to discontinue e-mail communications to you as soon as practicable.

## DISCLOSURE OF INFORMATION TO THIRD PARTIES

## **Aggregate Information**

Except as specifically set forth in this Privacy Policy, we do not share your personal information with any third party without your permission. We may disclose aggregate information, such as demographic information, and our statistical analyses to third parties, including advertisers or other business partners. This aggregate information does not include your personal information.

#### Service Providers

We sometimes engage unaffiliated businesses to assist us in providing you certain services. For example, we may use third parties to provide advertising, marketing and promotional assistance, provide e-mail services, or facilitate our online services. In those instances, we may need to share your personal information with them.

We require these companies to use your personal information only to provide the particular product or service and do not authorize them to use your personal information for any other reason. We sometimes offer promotions in conjunction with a third party sponsor.

If you choose to participate in those promotions, we may share your information with the sponsor if they need it to send you a product or other special promotion they offer.

#### **Third Party Advertisers**

We may use third-party advertising companies to deliver specific advertisements to you. These companies may collect non-personal information about your visits to Social Hub in order to provide advertisements about products and services that may be of interest to you.

These companies may also aggregate your non-personal information for use in targeted advertising, marketing research, and other similar purposes. These companies may place their own cookies on your computer. If you want to prevent a third-party advertiser from collecting and using this information, you may visit each third party advertiser's website directly and opt-out.

#### Other Disclosures

We may disclose personal information when we are required or requested to do so by law, court order or other government or law enforcement authority or regulatory agency; to enforce or apply our rights and agreements; or when we believe in good faith that disclosing this information is necessary or advisable, including, for example, to protect the rights, property, or safety of the Service and Samsung, our users, or others.

#### **CHILDREN**

The Service is not designed for use by children without their parent's supervision. We ask that anyone under the age of sixteen (16) not submit any personal information through the Service. We do not knowingly collect any personal information from children under the age of eighteen, and therefore we do not knowingly distribute such information to third parties.

#### **SECURITY OF THE INFORMATION WE COLLECT**

The security of your personal information is important to us. We maintain physical, electronic, and procedural safeguards to secure your personal information. However, there is always some risk in transmitting information electronically. The personal information we collect is stored within databases that we control.

As we deem appropriate, we use security measures consistent with industry standards, such as firewalls and encryption technology, to protect your information. However, we cannot guarantee the security of our databases, nor can we guarantee that information you supply won't be intercepted while being transmitted to us over the Internet.

#### **CHAT ROOMS AND OTHER PUBLIC AREAS**

Our third party service and content providers may offer chat, user reviews, bulletin boards, or other public functions and any posting by you is considered public information available to other users. Any posting is governed in accordance with the third party

service and content providers' terms and conditions. You should take care not to use personal information in your screen name or other information that might be publicly available to other users.

#### **Archived Information**

We maintain archives of web logs, database, and other systems and information in relation to the Service. Please note that it is possible some of this information may remain archived after we delete the information from its active database. We maintain archives for disaster recovery, legal and other non-marketing purposes.

## How can I update my profile?

You can help us maintain the accuracy of your profile by notifying us when you change zip/postal code, country of residence, age range, or e-mail address. If at any time you wish to update your information or stop receiving communication from us, sign in to the Service and then select 'update your profile' to change your preferences.

#### **CONTESTS AND SWEEPSTAKES**

Registration may be required to enter promotions such as contests and sweepstakes on Social Hub. These registration or entry processes may require your submission of personal information such as your first and last name, street address, city, state and zip code, e-mail address, telephone number and date of birth. The entry page and/or rules for the promotion will

provide the specific requirements for the promotion. You may also have the opportunity to opt-in to special offers from our advertisers in connection with these promotions.

#### **ACCURACY OF THE INFORMATION WE COLLECT**

Any questions you may have regarding this Privacy Policy, the accuracy of your personal information or the use of your personal information, or any requests that we correct, update, or remove your information in our databases, should be directed via e-mail to s.dufresne@Samsung.com, or via regular mail to:

Samsung Telecommunications America, LLC 1301 E. Lookout Drive, Richardson, TX 75082 Attn: Customer Support Department

After receiving a request to change your information, we will make reasonable efforts to ensure that all of your personal information stored in databases we actively use to operate the Service will be updated, corrected, changed or deleted, as appropriate, as soon as reasonably practicable. However, we reserve the right to retain in our archival files any information we remove from or change in our active databases. We may retain such information to resolve disputes, troubleshoot problems and enforce our Terms.

In addition, it is not technologically possible to remove each and every record of the information you have provided to us. A copy of your personal information may exist in a non-erasable form that will be difficult or impossible for us to locate.

#### **CHANGES TO PRIVACY POLICY**

This Privacy Policy is effective as of May 29, 2010 and complies with Samsung's Corporate Privacy Policy. We reserve the right to change this Privacy Policy at any time, and will post any such changes to this Privacy Policy on the Social Hub website. Please refer back to the Social Hub website on a regular basis to obtain the most up to date Privacy Policy.

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